

Exhibit A

RUN NO. 746 DATE=06/14/91 TIME=0833

LISTING OF MODULE PBB00010

PAGE 5

66/91/20
11/052/60
OLD S'n 155cj

12/21/90 JPH IF CONSUMER PAYMENT IS LESS THAN MERCHANT CREDIT LIMIT, PROCESS PAYMENT AS ACH ITEM REGARDLESS OF THE CREDIT LIMIT TOTAL. EXCLUDE THESE ITEMS FROM ACCUMULATION OF ACH TRANSACTIONS INTO THE CREDIT LIMIT TOTAL.

02/01/91 JPH EXPAND SOURCE CODE CHECK FOR PAY BY PHONE FROM 'N' TO 'N14'.

03/08/91 JPH COMMIT WORKS AND RESTART PROCESSING.

04/11/91 KAB CHANGED THE 'ROLLOVER DATE' HEADING TO 'EXTRA PMT.' AND OMITTED THE 'ROLLOVER AMT' HEADING. ALSO, CHANGED THE DRAFT ERROR REPORT TO SHOW STATUS CODES AND ADDED TOTALS BY STATUS.

04/19/91 PAM ADD CODE TO USE PAPER OR ELECTRONIC RT IF EFT CODE = '9'.

05/25/91 JUF ELECTRONIC REMITTANCE PROCESSING.

06/05/91 JPH CORRECT PAYMENT ROLLOVER ERRORS FOR WEEKLY OR BIWEEKLY PAYMENTS.

ENVIRONMENT DIVISION.
CONFIGURATION SECTION.
INPUT-OUTPUT SECTION.
FILE-CONTROL.

SELECT DATE-FILE

ASSIGN TO DA-IDFILE
ORGANIZATION IS INDEXED
ACCESS MODE IS DYNAMIC
RECORD KEY IS COMP-CTL-KEY
FILE STATUS IS COMP-STATUS.

SELECT MERCHANT-FILE

ASSIGN TO DA-MERCHANT
ORGANIZATION IS INDEXED
ACCESS MODE IS RANDOM
RECORD KEY IS MMR-KEY
FILE STATUS IS MMR-STAT.

SELECT TRANHOLD-FILE

ASSIGN TO UT-S-TRANHOLD.

SELECT DRFTITEM-FILE

ASSIGN TO UT-S-DRFTITEM.

SELECT ROLLOVER-REPORT

ASSIGN TO UT-S-SYS020.

05/25/91

000182 01/02/91
000183 01/02/91
000184 01/02/91
000185 01/02/91
000186 01/02/91
000187 01/02/91
000188 01/02/91
000189 02/10/91
000190 02/10/91
000191 02/10/91
000192 03/13/91
000193 03/13/91
000194 04/14/91
000195 04/14/91
000196 04/14/91
000197 04/14/91
000198 04/14/91
000199 04/14/91
000200 04/20/91
000201 04/20/91
000202 04/20/91
000203 06/05/91
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000219 06/05/91
000220 06/05/91
000221 06/05/91
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000223 06/05/91
000224 06/05/91
000225 06/05/91
000226 06/05/91
000227 06/05/91
000228 06/05/91
000229 06/05/91
000230 06/05/91
000231 06/05/91
000232 06/05/91

SELECT ERROR-REPORT ASSIGN TO UT-S-SYS021.

SELECT SUMMARY-REPORT ASSIGN TO UT-S-SYS022.

SELECT CARDIN ASSIGN TO UT-S-CARDIN.

SELECT PAY-TABLE-INPUT ASSIGN TO UT-S-PAYTABLIN.

SELECT PAY-TABLE-OUTPUT ASSIGN TO UT-S-PAYTABLOT.

DATA DIVISION.
FILE SECTION.

FD DATE-FILE.

01 DATE-RECORD.
05 COMP-CTL-KEY
05 COMP-CTL-REC
PIC X(110).
PIC X(480).

-INC MERCHANT-FILE.
-INC MERCHANT

FD TRAHOLD-FILE

RECORDING MODE F
BLOCK CONTAINS 0 RECORDS.

-INC FVDRFTM

FD DREFTTEN-FILE

RECORDING MODE F
BLOCK CONTAINS 0 RECORDS.

PIC X(142).

FD ROLLOVER-REPORT

RECORDING MODE F
BLOCK CONTAINS 0 RECORDS.

PIC X(142).

FD ERROR-REPORT

RECORDING MODE F
BLOCK CONTAINS 0 RECORDS.

PIC X(142).

FD SUMMARY-REPORT

RECORDING MODE F
BLOCK CONTAINS 0 RECORDS.

PIC X(142).

FD CARDIN

RECORDING MODE F
BLOCK CONTAINS 0 RECORDS.

PIC X(80).

000233	03/13/91
000234	03/13/91
000235	03/13/91
000236	03/13/91
000237	03/13/91
000238	03/13/91
000239	03/13/91
000240	03/13/91
000241	03/13/91
000242	03/13/91
000243	03/13/91
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000258	03/13/91
000259	03/13/91
000260	03/13/91
000261	03/13/91
000262	03/13/91
000263	03/13/91
000264	03/13/91
000265	03/13/91
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000267	03/13/91
000268	03/13/91
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000270	03/13/91
000271	03/13/91
000272	03/13/91
000273	03/13/91
000274	03/13/91
000275	03/13/91
000276	03/13/91
000277	03/13/91
000278	03/13/91
000279	03/13/91
000280	03/13/91
000281	03/13/91
000282	03/13/91
000283	03/13/91

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FD PAY-TABLE-INPUT
RECORDING MODE F
BLOCK CONTAINS 0 RECORDS.
01 PAY-TBL-INPUT-REC PIC X(125).

FD PAY-TABLE-OUTPUT
RECORDING MODE F
BLOCK CONTAINS 0 RECORDS.
01 PAY-TBL-OUTPUT-REC PIC X(125).
  
```

WORKING-STORAGE SECTION.

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77 FILLER PIC X(37) VALUE
      'PBB00010 WORKING-STORAGE BEGINS HERE'.

EXEC SQL INCLUDE PBT001 END-EXEC.
EXEC SQL INCLUDE PBT002 END-EXEC.
EXEC SQL INCLUDE PBT006 END-EXEC.
EXEC SQL INCLUDE PBT007 END-EXEC.
EXEC SQL INCLUDE PBT010 END-EXEC.
EXEC SQL INCLUDE PBT900 END-EXEC.

77 SQL-DRAFT-DATE PIC S9(6) COMP VALUE ZEROS.
77 SQL-PREV-SSN PIC S9(9) COMP VALUE ZEROS.
  
```

EXEC SQL INCLUDE SQLCA END-EXEC.

-IMC SQLFLDS

```

77 COMP-STATUS PIC XX.
77 WS-COMP-KEY PIC X(10) VALUE 'AAA'.
  
```

; FPRODATE

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*-----*
* THE FOLLOWING SWITCH CAN BE INITIALIZED TO 'Y'
* TO INDICATE THAT CERTAIN CODE THAT SHOULD (OR SHOULD NOT)
* BE EXECUTED DURING A NON-PRODUCTION RUN.
* UPDATES OF THE DB2 TABLES ARE BYPASSED AND A CHECK AMOUNT OF
* ZERO IS USED WHEN THE SWITCH IS SET TO 'Y'.
*-----*
01 TEST-PGM-SW PIC X(1) VALUE 'N'.
08 TEST-PGM VALUE 'Y'.
*****
  
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000284 03/13/91
000285 03/13/91
000286 03/13/91
000287 05/25/91
000288 03/13/91
000289 03/13/91
000290 03/13/91
000291 03/13/91
000292 05/25/91
000293 03/13/91
000294 03/13/91
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000301
000302
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000306 05/25/91
000307 05/25/91
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000309 05/25/91
000310 03/13/91
000311 03/13/91
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000313 03/13/91
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000316
000317
% 000318 11/14/90
000319
000320
000321
000322
% 000323 11/14/90
000324
000325 05/25/91
000326 05/25/91
000327 05/25/91
000328 05/25/91
000329 05/25/91
000330 05/25/91
000331 05/25/91
000332 05/25/91
000333 05/25/91
000334
  
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LEVEL 88 SWITCHES *

01 PROGRAM-INDICATORS.

05	PAYTBL-INPUT-EOF-SW	PIC X	VALUE 'N'.	000335	05/25/91
88	END-OF-TBLIN		VALUE 'Y'.	000336	03/13/91
88	NOT-END-OF-TBLIN		VALUE 'N'.	000337	03/13/91
05	INPUT-EOF-SW	PIC X	VALUE 'N'.	000338	03/13/91
88	EOF		VALUE 'Y'.	000339	
05	PAY-BY-PHONE-SW	PIC X	VALUE 'N'.	000340	
88	PAY-BY-PHONE		VALUE 'Y'.	000341	
05	IS-CONSUMER-IN-ERROR	PIC X	VALUE 'Y'.	000342	
88	CONSUMER-IN-ERROR		VALUE 'N'.	000343	
05	ARE-MRCH-RO-HEADINGS-WRITTEN	PIC X	VALUE 'Y'.	000344	
88	MRCH-RO-HEADINGS-NOT-WRITTEN		VALUE 'N'.	000345	
05	ARE-CONS-RO-HEADINGS-WRITTEN	PIC X	VALUE 'Y'.	000346	
88	CONS-RO-HEADINGS-NOT-WRITTEN		VALUE 'N'.	000347	
05	ARE-CONS-RO-HEADINGS-WRITTEN	PIC X	VALUE 'Y'.	000348	
88	CONS-RO-HEADINGS-NOT-WRITTEN		VALUE 'N'.	000349	
05	ARE-MRCH-ERR-HEADINGS-WRITTEN	PIC X	VALUE 'Y'.	000350	
88	MRCH-ERR-HEADINGS-NOT-WRITTEN		VALUE 'N'.	000351	
05	ARE-CONS-ERR-DETAIL-WRITTEN	PIC X	VALUE 'Y'.	000352	
88	CONS-ERR-DETAIL-NOT-WRITTEN		VALUE 'N'.	000353	
05	ARE-MRCH-ERR-DETAIL-WRITTEN	PIC X	VALUE 'Y'.	000354	
88	MRCH-ERR-DETAIL-NOT-WRITTEN		VALUE 'N'.	000355	
05	ARE-CONS-ERR-DETAIL-WRITTEN	PIC X	VALUE 'Y'.	000356	
88	CONS-ERR-DETAIL-NOT-WRITTEN		VALUE 'N'.	000357	
05	ARE-MRCH-ERR-DETAIL-WRITTEN	PIC X	VALUE 'Y'.	000358	
88	MRCH-ERR-DETAIL-NOT-WRITTEN		VALUE 'N'.	000359	
05	ARE-CONS-ERR-DETAIL-WRITTEN	PIC X	VALUE 'Y'.	000360	
88	CONS-ERR-DETAIL-NOT-WRITTEN		VALUE 'N'.	000361	
05	ARE-MRCH-ERR-DETAIL-WRITTEN	PIC X	VALUE 'Y'.	000362	
88	MRCH-ERR-DETAIL-NOT-WRITTEN		VALUE 'N'.	000363	
05	ARE-CONS-ERR-DETAIL-WRITTEN	PIC X	VALUE 'Y'.	000364	
88	CONS-ERR-DETAIL-NOT-WRITTEN		VALUE 'N'.	000365	
05	ARE-MRCH-ERR-DETAIL-WRITTEN	PIC X	VALUE 'Y'.	000366	
88	MRCH-ERR-DETAIL-NOT-WRITTEN		VALUE 'N'.	000367	
05	ARE-CONS-RO-DETAIL-WRITTEN	PIC X	VALUE 'Y'.	000368	
88	CONS-RO-DETAIL-NOT-WRITTEN		VALUE 'N'.	000369	
05	ARE-MRCH-RO-DETAIL-WRITTEN	PIC X	VALUE 'Y'.	000370	
88	MRCH-RO-DETAIL-NOT-WRITTEN		VALUE 'N'.	000371	
05	IS-RECORD-IN-ERROR	PIC X	VALUE 'Y'.	000372	
88	RECORD-IN-ERROR		VALUE 'N'.	000373	
05	IS-PAY-TABLE-ITEM-FOUND	PIC X	VALUE 'Y'.	000374	
88	PAY-TABLE-ITEM-NOT-FOUND		VALUE 'N'.	000375	
05	IS-PAY-TABLE-ITEM-FOUND	PIC X	VALUE 'Y'.	000376	
88	PAY-TABLE-ITEM-NOT-FOUND		VALUE 'N'.	000377	
05	IS-PAY-TABLE-SORTED	PIC X	VALUE 'Y'.	000378	
88	PAY-TABLE-SORTED		VALUE 'N'.	000379	
05	IS-PAY-TABLE-ITEM-FOUND	PIC X	VALUE 'Y'.	000380	
88	PAY-TABLE-ITEM-NOT-FOUND		VALUE 'N'.	000381	
05	IS-PAY-TABLE-ITEM-FOUND	PIC X	VALUE 'Y'.	000382	
88	PAY-TABLE-ITEM-NOT-FOUND		VALUE 'N'.	000383	
05	IS-PAY-TABLE-SORTED	PIC X	VALUE 'Y'.	000384	
88	PAY-TABLE-SORTED		VALUE 'N'.	000385	

05	PAY-TABLE-IS-SORTED	PIC 9(09)	VALUE '00'.	000386	
05	PAY-TABLE-IS-NOT-SORTED	PIC 9(09)	VALUE '00'.	000387	
05	ALL-STL-CODE-PROCESSED-SW	PIC X(1)	VALUE 'N'.	000388	05/25/91
05	ALL-STL-CODE-PROCESSED	PIC X(1)	VALUE 'Y'.	000389	05/25/91
05	ALL-STL-CODE-NOT-PROCESSED	PIC X(1)	VALUE 'N'.	000390	05/25/91
05	STL-CODE-IN-TABLE-SW	PIC X(1)	VALUE 'N'.	000391	05/25/91
05	STL-CODE-IN-TABLE	PIC X(1)	VALUE 'Y'.	000392	05/25/91
05	STL-CODE-NOT-IN-TABLE	PIC X(1)	VALUE 'N'.	000393	05/25/91
			VALUE 'Y'.	000394	05/25/91
			VALUE 'N'.	000395	05/25/91
				000396	
				000397	
				000398	
				000399	
				000400	
				000401	
				000402	03/13/91
				000403	
				000404	
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				000409	
				000410	
				000411	
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				000414	
				000415	
				000416	
				000417	
				000418	01/02/91
				000419	
				000420	05/25/91
				000421	03/13/91
				000422	03/13/91
				000423	03/13/91
				000424	03/13/91
				000425	03/13/91
				000426	03/13/91
				000427	03/13/91
				000428	03/13/91
				000429	03/13/91
				000430	03/13/91
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				000433	03/13/91
				000434	03/13/91
				000435	03/13/91
				000436	03/13/91

05	IS-THIS-FIRST-ERROR-RECORD	PIC X	VALUE 'Y'.
05	86 FIRST-ERROR-RECORD		000437 03/13/91
05	IS-THIS-FIRST-ROLL-RECORD	PIC X	000438 03/13/91
05	86 FIRST-ROLL-RECORD		000439 03/13/91
05	MS-77-HOLD-PAY-AMOUNT	PIC 9(107)V99	000440 03/13/91
05	MS-77-HOLD-PAY-DATE	PIC 9(106)	000441 03/13/91
05	MS-TOT-ERR-DOLLARS	PIC 9(17)V99	000442 03/13/91
05	MS-TOT-ERR-ITEMS	PIC 9(17)	000443 03/13/91
05	MS-TOT-RO-DOLLARS	PIC 9(17)V99	000444 03/13/91
05	MS-TOT-RO-ITEMS	PIC 9(17)	000445 03/13/91
05	MS-TOT-ERR-DOLLARS	PIC 9(17)V99	000446 03/13/91
05	MS-TOT-ERR-ITEMS	PIC 9(17)	000447 03/13/91
05	MS-TOT-RO-DOLLARS	PIC 9(17)V99	000448 03/13/91
05	MS-TOT-RO-ITEMS	PIC 9(17)	000449 03/13/91

* THE FOLLOWING TWO FIELDS ARE USED TO KEEP TRACK OF THE NUMBER
* OF ITEMS AND DOLLARS IN ERROR FOR ALL CONSUMERS.

05	MS-GND-TOT-ERR-DOLLARS	PIC 9(17)V99	VALUE ZEROS.
05 <td>MS-GND-TOT-ERR-ITEMS <td>PIC 9(17)</td> <td>000450 03/13/91</td> </td>	MS-GND-TOT-ERR-ITEMS <td>PIC 9(17)</td> <td>000450 03/13/91</td>	PIC 9(17)	000450 03/13/91

05	MS-TOTAL-ERROR-LINES	PIC 999	VALUE 999.
05 <td>MS-TOTAL-ROLLOVER-LINES <td>PIC 999</td> <td>000451 03/13/91</td> </td>	MS-TOTAL-ROLLOVER-LINES <td>PIC 999</td> <td>000451 03/13/91</td>	PIC 999	000451 03/13/91
05 <td>MS-ERROR-PAGE-COUNT <td>PIC 9(04)</td> <td>000452 03/13/91</td> </td>	MS-ERROR-PAGE-COUNT <td>PIC 9(04)</td> <td>000452 03/13/91</td>	PIC 9(04)	000452 03/13/91
05 <td>MS-ROLLOVER-PAGE-COUNT <td>PIC 9(04)</td> <td>000453 03/13/91</td> </td>	MS-ROLLOVER-PAGE-COUNT <td>PIC 9(04)</td> <td>000453 03/13/91</td>	PIC 9(04)	000453 03/13/91
05 <td>MS-SUMMARY-PAGE-COUNT <td>PIC 9(04)</td> <td>000454 03/13/91</td> </td>	MS-SUMMARY-PAGE-COUNT <td>PIC 9(04)</td> <td>000454 03/13/91</td>	PIC 9(04)	000454 03/13/91
05 <td>MS-PREVIOUS-SSN <td>PIC 9(9)</td> <td>000455 03/13/91</td> </td>	MS-PREVIOUS-SSN <td>PIC 9(9)</td> <td>000455 03/13/91</td>	PIC 9(9)	000455 03/13/91
05 <td>MS-ERROR-SSN <td>PIC 9(9)</td> <td>000456 03/13/91</td> </td>	MS-ERROR-SSN <td>PIC 9(9)</td> <td>000456 03/13/91</td>	PIC 9(9)	000456 03/13/91
05 <td>MS-PREVIOUS-ROLL-SSN <td>PIC 9(9)</td> <td>000457 03/13/91</td> </td>	MS-PREVIOUS-ROLL-SSN <td>PIC 9(9)</td> <td>000457 03/13/91</td>	PIC 9(9)	000457 03/13/91

05	TFR-COL-TOT-ITEMS	PIC S9(17)	COMP-3 VALUE ZERO.
05 <td>TFR-COL-TOT-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000458 03/13/91</td> </td>	TFR-COL-TOT-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000458 03/13/91</td>	PIC S9(17)V9(12)	000458 03/13/91
05 <td>TFR-COL-ACH-ITEMS <td>PIC S9(17)</td> <td>000459 03/13/91</td> </td>	TFR-COL-ACH-ITEMS <td>PIC S9(17)</td> <td>000459 03/13/91</td>	PIC S9(17)	000459 03/13/91
05 <td>TFR-COL-ACH-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000460 03/13/91</td> </td>	TFR-COL-ACH-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000460 03/13/91</td>	PIC S9(17)V9(12)	000460 03/13/91
05 <td>TFR-COL-PPR-ITEMS <td>PIC S9(17)</td> <td>000461 03/13/91</td> </td>	TFR-COL-PPR-ITEMS <td>PIC S9(17)</td> <td>000461 03/13/91</td>	PIC S9(17)	000461 03/13/91
05 <td>TFR-COL-PPR-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000462 03/13/91</td> </td>	TFR-COL-PPR-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000462 03/13/91</td>	PIC S9(17)V9(12)	000462 03/13/91
05 <td>TFR-COL-CHK-ITEMS <td>PIC S9(17)</td> <td>000463 03/13/91</td> </td>	TFR-COL-CHK-ITEMS <td>PIC S9(17)</td> <td>000463 03/13/91</td>	PIC S9(17)	000463 03/13/91
05 <td>TFR-COL-CHK-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000464 03/13/91</td> </td>	TFR-COL-CHK-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000464 03/13/91</td>	PIC S9(17)V9(12)	000464 03/13/91
05 <td>TFR-RMT-TOT-ITEMS <td>PIC S9(17)</td> <td>000465 03/13/91</td> </td>	TFR-RMT-TOT-ITEMS <td>PIC S9(17)</td> <td>000465 03/13/91</td>	PIC S9(17)	000465 03/13/91
05 <td>TFR-RMT-TOT-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000466 03/13/91</td> </td>	TFR-RMT-TOT-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000466 03/13/91</td>	PIC S9(17)V9(12)	000466 03/13/91
05 <td>TFR-RMT-ACH-ITEMS <td>PIC S9(17)</td> <td>000467 03/13/91</td> </td>	TFR-RMT-ACH-ITEMS <td>PIC S9(17)</td> <td>000467 03/13/91</td>	PIC S9(17)	000467 03/13/91
05 <td>TFR-RMT-ACH-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000468 03/13/91</td> </td>	TFR-RMT-ACH-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000468 03/13/91</td>	PIC S9(17)V9(12)	000468 03/13/91
05 <td>TFR-RMT-PPR-ITEMS <td>PIC S9(17)</td> <td>000469 03/13/91</td> </td>	TFR-RMT-PPR-ITEMS <td>PIC S9(17)</td> <td>000469 03/13/91</td>	PIC S9(17)	000469 03/13/91
05 <td>TFR-RMT-PPR-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000470 03/13/91</td> </td>	TFR-RMT-PPR-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000470 03/13/91</td>	PIC S9(17)V9(12)	000470 03/13/91
05 <td>TFR-RMT-CHK-ITEMS <td>PIC S9(17)</td> <td>000471 03/13/91</td> </td>	TFR-RMT-CHK-ITEMS <td>PIC S9(17)</td> <td>000471 03/13/91</td>	PIC S9(17)	000471 03/13/91
05 <td>TFR-RMT-CHK-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000472 03/13/91</td> </td>	TFR-RMT-CHK-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000472 03/13/91</td>	PIC S9(17)V9(12)	000472 03/13/91
05 <td>TFR-RMT-TOT-ITEMS <td>PIC S9(17)</td> <td>000473 03/13/91</td> </td>	TFR-RMT-TOT-ITEMS <td>PIC S9(17)</td> <td>000473 03/13/91</td>	PIC S9(17)	000473 03/13/91
05 <td>TFR-RMT-TOT-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000474 03/13/91</td> </td>	TFR-RMT-TOT-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000474 03/13/91</td>	PIC S9(17)V9(12)	000474 03/13/91
05 <td>TFR-RMT-ACH-ITEMS <td>PIC S9(17)</td> <td>000475 03/13/91</td> </td>	TFR-RMT-ACH-ITEMS <td>PIC S9(17)</td> <td>000475 03/13/91</td>	PIC S9(17)	000475 03/13/91
05 <td>TFR-RMT-ACH-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000476 03/13/91</td> </td>	TFR-RMT-ACH-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000476 03/13/91</td>	PIC S9(17)V9(12)	000476 03/13/91
05 <td>TFR-RMT-PPR-ITEMS <td>PIC S9(17)</td> <td>000477 03/13/91</td> </td>	TFR-RMT-PPR-ITEMS <td>PIC S9(17)</td> <td>000477 03/13/91</td>	PIC S9(17)	000477 03/13/91
05 <td>TFR-RMT-PPR-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000478 03/13/91</td> </td>	TFR-RMT-PPR-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000478 03/13/91</td>	PIC S9(17)V9(12)	000478 03/13/91
05 <td>TFR-RMT-CHK-ITEMS <td>PIC S9(17)</td> <td>000479 03/13/91</td> </td>	TFR-RMT-CHK-ITEMS <td>PIC S9(17)</td> <td>000479 03/13/91</td>	PIC S9(17)	000479 03/13/91
05 <td>TFR-RMT-CHK-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000480 03/13/91</td> </td>	TFR-RMT-CHK-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000480 03/13/91</td>	PIC S9(17)V9(12)	000480 03/13/91
05 <td>TFR-RMT-TOT-ITEMS <td>PIC S9(17)</td> <td>000481 03/13/91</td> </td>	TFR-RMT-TOT-ITEMS <td>PIC S9(17)</td> <td>000481 03/13/91</td>	PIC S9(17)	000481 03/13/91
05 <td>TFR-RMT-TOT-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000482 03/13/91</td> </td>	TFR-RMT-TOT-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000482 03/13/91</td>	PIC S9(17)V9(12)	000482 03/13/91
05 <td>TFR-RMT-ACH-ITEMS <td>PIC S9(17)</td> <td>000483 03/13/91</td> </td>	TFR-RMT-ACH-ITEMS <td>PIC S9(17)</td> <td>000483 03/13/91</td>	PIC S9(17)	000483 03/13/91
05 <td>TFR-RMT-ACH-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000484 03/13/91</td> </td>	TFR-RMT-ACH-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000484 03/13/91</td>	PIC S9(17)V9(12)	000484 03/13/91
05 <td>TFR-RMT-PPR-ITEMS <td>PIC S9(17)</td> <td>000485 03/13/91</td> </td>	TFR-RMT-PPR-ITEMS <td>PIC S9(17)</td> <td>000485 03/13/91</td>	PIC S9(17)	000485 03/13/91
05 <td>TFR-RMT-PPR-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000486 03/13/91</td> </td>	TFR-RMT-PPR-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000486 03/13/91</td>	PIC S9(17)V9(12)	000486 03/13/91
05 <td>TFR-RMT-CHK-ITEMS <td>PIC S9(17)</td> <td>000487 03/13/91</td> </td>	TFR-RMT-CHK-ITEMS <td>PIC S9(17)</td> <td>000487 03/13/91</td>	PIC S9(17)	000487 03/13/91
05 <td>TFR-RMT-CHK-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000488 03/13/91</td> </td>	TFR-RMT-CHK-DOLLARS <td>PIC S9(17)V9(12)</td> <td>000488 03/13/91</td>	PIC S9(17)V9(12)	000488 03/13/91

* PROGRAM HOLD AREA *

01 WS-HOLD-DRAFT.

05 DRAFT-EXTENSION

05 FILLER

01 WS-HOLD-ACH

05 DAY-NIGHT-ACH

05 FILLER

01 WS-ROLLBACK-CNT

05 FILLER

DRAFTITEM

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000499	03/13/91
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000501	03/13/91
000502	03/13/91
000503	
X 000504	11/14/90
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PIC X.

PIC X(78)

PIC X.

PIC X(79)

PIC 999

PIC X(77)

VALUE 'B'.
VALUE 'E'.
VALUE SPACES.
VALUE SPACES.
VALUE 110.
VALUE SPACES.
VALUE 0.

01 WS-PHONE-NUMBER-AREA.

05 WS-PHONE-NUMBER-IN.

10 WS-AREA-CODE-IN

10 WS-PHONE-EXCHG-IN

10 WS-PHONE-EXT-IN

05 WS-PHONE-NUMBER-OUT.

10 WS-AREA-CODE-OUT

10 WS-PHONE-EXCHG-OUT

10 WS-PHONE-EXT-OUT

01 WS-TRACE-NUMBER-AREA.

05 WS-TRACE-NBR.

10 FILLER

10 WS-TRACE-YY

10 WS-TRACE-DDD

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000499	03/13/91
000500	03/13/91
000501	03/13/91
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X 000504	11/14/90
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* SSN AREA *

01 WS-SSN-AREA.

05 WS-SSN-IN.
10 WS-SSN-1ST3-IN PIC 999
10 WS-SSN-2ND2-IN PIC 99
10 WS-SSN-LAST4-IN PIC 9999
VALUE ZEROS.
VALUE ZEROS.
VALUE ZEROS.

05 WS-SSN-OUT.
10 WS-SSN-1ST3-OUT PIC 999
10 FILLER PIC X
10 WS-SSN-2ND2-OUT PIC 99
10 FILLER PIC X
10 WS-SSN-LAST4-OUT PIC 9999
VALUE ZEROS.
VALUE --.
VALUE ZEROS.
VALUE --.
VALUE ZEROS.

* COMPARE VARIABLES *

77 WS-CARDIN-SW PIC X
88 MORE-CARDIN
88 NO-MORE-CARDIN
VALUE 'Y'.
VALUE 'Y'.
VALUE 'N'.

77 WS-STATUS-A-CNT PIC 9(6)
77 WS-STATUS-I-CNT PIC 9(6)
77 WS-STATUS-F-CNT PIC 9(6)
77 WS-STATUS-D-CNT PIC 9(6)
77 WS-STATUS-P-CNT PIC 9(6)
77 WS-STATUS-C-CNT PIC 9(6)
77 WS-STATUS-TOT-CNT PIC 9(6)
VALUE ZEROS.
VALUE ZEROS.
VALUE ZEROS.
VALUE ZEROS.
VALUE ZEROS.
VALUE ZEROS.
VALUE ZEROS.
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* PGM DATE FIELDS *

01 WS-DATE-WORK.

05 WS-HOLD-DATE-FFMMDDYY.
10 HOLD-F-FFMMDDYY PIC 9(02)
10 HOLD-M-FFMMDDYY PIC 9(02)
10 HOLD-D-FFMMDDYY PIC 9(02)
10 HOLD-Y-FFMMDDYY PIC 9(02)
VALUE ZEROS.
VALUE ZEROS.
VALUE ZEROS.
VALUE ZEROS.

05 WS-HOLD-DATE.
10 HOLD-MONTH PIC 9(02)
10 HOLD-DAY PIC 9(02)
10 HOLD-YEAR PIC 9(02)
VALUE ZEROS.
VALUE ZEROS.
VALUE ZEROS.

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05	WS-YEAR-WORK.	PIC X(02)	VALUE ZEROS.	000590
10	FILLER	PIC 9(02)	VALUE ZEROS.	000591
10	WS-VY-LAST2		000592	000593
05	DRAFT-DATE-PLUS-DEF	PIC 9(06)	VALUE ZEROS.	000594
05	DRAFT-DATE	PIC 9(06)	VALUE ZEROS.	000595
05	WS-TRANS-DATE.	PIC 99	VALUE ZEROS.	000596
10	WS-TRANS-YEAR	PIC X	VALUE ZEROS.	000597
10	FILLER	PIC 99	VALUE ZEROS.	000598
10	WS-TRANS-MONTH	PIC X	VALUE ZEROS.	000599
10	FILLER	PIC X	VALUE ZEROS.	000600
10	WS-TRANS-DAY	PIC 99	VALUE ZEROS.	000601
05	WS-DELETED-DATE.	PIC X(07)	VALUE 'DELETED'.	000602
10	FILLER	PIC X.	VALUE ZEROS.	000603
10	WS-DEL-PAY-TYPE		000604	000605
05	WS-DATE-MDY-WITH-SLASHES.	PIC 9(02)	VALUE ZEROS.	000606
10	WS-M-MDY-SLASHES	PIC X	VALUE ZEROS.	000607
10	FILLER	PIC 9(02)	VALUE ZEROS.	000608
10	WS-D-MDY-SLASHES	PIC X	VALUE ZEROS.	000609
10	FILLER	PIC X	VALUE ZEROS.	000610
10	WS-Y-MDY-SLASHES	PIC 9(02)	VALUE ZEROS.	000611
05	WS-DATE-YMD.	PIC 9(02)	VALUE ZEROS.	000612
10	WS-Y-YMD	PIC 9(02)	VALUE ZEROS.	000613
10	WS-M-YMD	PIC 9(02)	VALUE ZEROS.	000614
10	WS-D-YMD	PIC 9(02)	VALUE ZEROS.	000615
05	WS-DATE-MDY.	PIC 9(02)	VALUE ZEROS.	000616
10	WS-M-MDY	PIC 9(02)	VALUE ZEROS.	000617
10	WS-D-MDY	PIC 9(02)	VALUE ZEROS.	000618
10	WS-Y-MDY	PIC 9(02)	VALUE ZEROS.	000619
05	WS-CURRENT-DATE	PIC 9(06)	VALUE ZEROS.	000620
05	FILLER REDEFINES WS-CURRENT-DATE.	PIC 9(02)	VALUE ZEROS.	000621
10	CD-YR	PIC 9(02)	VALUE ZEROS.	000622
10	CD-MONTH	PIC 9(02)	VALUE ZEROS.	000623
10	CD-DAY	PIC 9(02)	VALUE ZEROS.	000624
05	WS-TIME	PIC 9(08)	VALUE ZEROS.	000625
05	FILLER REDEFINES WS-TIME.	PIC 99.	01/02/91	000626
10	WS-HH	PIC 99.	01/02/91	000627
10	WS-MM	PIC 99.	01/02/91	000628
10	WS-SS	PIC 99.	01/02/91	000629
10	FILLER	PIC 99.	01/02/91	000630
05	WS-TRANS-TIME.	PIC 99	VALUE ZEROS.	000631
10	WS-HOUR		01/02/91	000632
			01/02/91	000633
			01/02/91	000634
			01/02/91	000635
			01/02/91	000636
			01/02/91	000637
			01/02/91	000638
			01/02/91	000639
			01/02/91	000640

05 WS-SQL-DATE. PIC 99 VALUE ZEROS.
 10 WS-SQL-DATE-FILLER PIC 9 VALUE ZEROS.
 10 WS-SQL-DATE-YMD PIC 9(6) VALUE ZEROS.

-IMC TRKFLDS

-IMC FDATAFLDS

01 WS-SC-LIT. PIC X(03) VALUE 'SC'.
 05 FILLER PIC X(02) VALUE SPACES.
 05 WS-SC-CODE PIC X(02) VALUE SPACES.

01 WS-PRINT-LINE. PIC X(9) VALUE SPACES.
 05 JUNK-COMMIT-KEY PIC X(11) VALUE SPACES.
 05 CC-LINE PIC X(132) VALUE SPACES.
 05 JUNK-LINE PIC X(132) VALUE SPACES.

01 WS-PRINT-LINE2 PIC X(132) VALUE SPACES.

01 TRANFREE-SC-TABLE. PIC S9(8) COMP VALUE ZERO.
 05 TRANFREE-TBL-ENTRIES PIC S9(8) COMP VALUE ZERO.
 05 TRANFREE-CURR-ENTRY PIC S9(8) COMP VALUE +1500.
 05 TRANFREE-MAX-ENTRIES PIC S9(8) COMP VALUE +1500.
 05 TRANFREE-SC-ENTRY OCCURS 1500 TIMES
 INDEXED BY TFR-IDX.
 10 TFR-TBL-SC-CODE PIC X(2) VALUE SPACES.
 10 TFR-TBL-SC-ITEMS PIC S9(6) COMP-3 VALUE +0.
 10 TFR-TBL-SC-DOLLARS PIC S9(9)V9(2) COMP-3 VALUE +0.

01 TRANFREE-PAY-TABLE-REC. PIC 9(9).
 05 TFR-PAY-TBL-COMMIT PIC S9(8) COMP.
 05 TFR-PAY-TBL-NBR PIC X(12).
 05 TFR-PAY-TBL-ENTRY PIC X(12).

 * OUTPUT DEFINITIONS*

 01 WS-HEADINGS-FOR-ROLLOVER.

05 RO-HEADING-1. PIC X(11) VALUE
 10 FILLER 'PBB00010.20'.
 10 FILLER PIC X(13) VALUE SPACES.
 10 FILLER PIC X(43) VALUE
 'CHECKFREE CORPORATION - CONSUMER SERVICES'.
 10 FILLER PIC X(28) VALUE SPACES.
 10 FILLER PIC X(9) VALUE
 04/14/91

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05	10	RO-HEADING-2.	PIC X(8).	000692	
	10	FILLER	PIC X(52)	000693	
	10	FILLER	PIC X(17)	000694	
	10	RO-DRAFT-REPORT-DATE	PIC X(6).	000695	
	10	FILLER	PIC X(45)	000696	
	10	FILLER	PIC X(5)	000697	
	10	RO-PAGE-NUMBER	PIC Z,ZZ9.	000698	
	10	FILLER	PIC X(10)	000699	
	10	FILLER	PIC X(10)	000700	
	10	FILLER	PIC X(10)	000701	
	10	FILLER	PIC X(10)	000702	
	10	FILLER	PIC X(10)	000703	
	10	FILLER	PIC X(10)	000704	
	10	FILLER	PIC X(10)	000705	
	10	FILLER	PIC X(10)	000706	
	10	FILLER	PIC X(10)	000707	
	10	FILLER	PIC X(10)	000708	
	10	FILLER	PIC X(10)	000709	
	10	FILLER	PIC X(10)	000710	
	10	FILLER	PIC X(10)	000711	
	10	FILLER	PIC X(10)	000712	
	10	FILLER	PIC X(10)	000713	
	10	FILLER	PIC X(10)	000714	
	10	FILLER	PIC X(10)	000715	
	10	FILLER	PIC X(10)	000716	
	10	FILLER	PIC X(10)	000717	
	10	FILLER	PIC X(10)	000718	
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	10	FILLER	PIC X(10)	000721	
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	10	FILLER	PIC X(10)	000728	
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	10	FILLER	PIC X(10)	000730	
	10	FILLER	PIC X(10)	000731	
	10	FILLER	PIC X(10)	000732	
	10	FILLER	PIC X(10)	000733	
	10	FILLER	PIC X(10)	000734	
	10	FILLER	PIC X(10)	000735	
	10	FILLER	PIC X(10)	000736	
	10	FILLER	PIC X(10)	000737	
	10	FILLER	PIC X(10)	000738	
	10	FILLER	PIC X(10)	000739	
	10	FILLER	PIC X(10)	000740	
	10	FILLER	PIC X(10)	000741	
	10	FILLER	PIC X(10)	000742	


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10 FILLER 'GRAND TOTALS --' PIC X(18) VALUE 000794
10 FILLER 'TOTAL ITEMS PAID ' PIC X(18) VALUE 000795
10 GMD-TOT-ROL-ITEMS PIC ZZZZZZZ9. 000796
10 FILLER PIC X(06) 000797
10 FILLER PIC X(06) 000798
10 FILLER PIC X(19) 000799
10 GMD-TOT-ROL-DOLLARS PIC $$$,$$$,$$$,$$.99. 000800
10 FILLER PIC X(39) 000801
04/14/91 000802
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05 GMD-TOT-ERR-DETAIL.
10 FILLER PIC X(28) VALUE 000804
10 FILLER 'GRAND TOTALS ERRORS --' PIC X(18) VALUE 000805
10 FILLER 'TOTAL ITEMS ERROR ' PIC ZZZZZZZ9. 000806
10 GMD-TOT-ERR-ITEMS PIC X(06) 000807
10 FILLER PIC X(06) 000808
10 FILLER PIC X(19) 000809
10 GMD-TOT-ERR-DOLLARS PIC $$$,$$$,$$$,$$.99. 000810
10 FILLER PIC X(39) 000811
04/14/91 000812
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01 WS-HEADINGS-FOR-ERROR-REPT.

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05 ERR-HEADING-1.
10 FILLER PIC X(11) VALUE 000822
10 FILLER 'PBB00010.21' PIC X(33) VALUE 000823
10 FILLER PIC X(43) VALUE 000824
10 FILLER 'CHECKFREE CORPORATION - CONSUMER SERVICES ' PIC X(28) 000825
10 FILLER PIC X(9) VALUE SPACES. 000826
10 FILLER 'RUN DATE ' PIC X(8) 000827
04/14/91 000828
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05 ERR-HEADING-2.
10 FILLER PIC X(49) VALUE SPACES. 04/14/91
10 FILLER PIC X(23) VALUE 000832
10 FILLER 'DRAFT ERROR REPORT FOR ' PIC X(8) 000833
10 ERR-DRAFT-DATE PIC X(42) 000834
10 FILLER PIC X(42) VALUE SPACES. 04/14/91
10 FILLER PIC X(5) VALUE 'PAGE ' 000835
10 ERR-PAGE-NUMBER PIC Z,ZZ9. 000836
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05 ERR-HEADING-3.
10 FILLER PIC X(04) VALUE SPACES.
10 FILLER PIC X(03) VALUE 000840
10 FILLER 'SSN' PIC X(10) VALUE SPACES. 000841
000842
000843
000844

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10 FILLER	PIC X(09)	VALUE	000845	
10 FILLER 'LAST NAME'.	PIC X(08)	VALUE SPACES.	000846	
10 FILLER	PIC X(10)	VALUE	000847	
10 FILLER 'FIRST NAME'.	PIC X(02)	VALUE SPACES.	000848	
10 FILLER	PIC X(02)	VALUE	000849	
10 FILLER 'MI'.	PIC X(01)	VALUE SPACES.	000850	
10 FILLER	PIC X(01)	VALUE	000851	
10 FILLER	PIC X(01)	VALUE SPACES.	000852	
10 FILLER	PIC X(18)	VALUE	000853	
10 FILLER 'REASON FOR REJECTS'.	PIC X(05)	VALUE SPACES.	000854	
10 FILLER	PIC X(05)	VALUE	000855	
05 ERR-HEADING-4.		VALUE SPACES.	000856	
10 FILLER	PIC X(06)	VALUE	000857	
10 FILLER	PIC X(08)	VALUE SPACES.	000858	04/14/91
10 FILLER	PIC X(03)	VALUE	000859	04/14/91
10 FILLER 'PC PHONE'.	PIC X(03)	VALUE SPACES.	000860	04/14/91
10 FILLER	PIC X(03)	VALUE	000861	04/14/91
10 FILLER	PIC X(12)	VALUE SPACES.	000862	04/14/91
10 FILLER	PIC X(08)	VALUE	000863	
10 FILLER	PIC X(12)	VALUE SPACES.	000864	
10 FILLER	PIC X(08)	VALUE	000865	
10 FILLER	PIC X(16)	VALUE SPACES.	000866	
10 FILLER	PIC X(14)	VALUE	000867	
10 FILLER 'ACCOUNT NUMBER'.	PIC X(04)	VALUE SPACES.	000868	04/14/91
10 FILLER	PIC X(04)	VALUE	000869	04/14/91
10 FILLER 'TYPE'.	PIC X(04)	VALUE SPACES.	000870	04/14/91
10 FILLER	PIC X(04)	VALUE	000871	04/14/91
10 FILLER	PIC X(06)	VALUE SPACES.	000872	04/14/91
10 FILLER	PIC X(05)	VALUE	000873	04/14/91
10 FILLER 'AMOUNT'.	PIC X(08)	VALUE SPACES.	000874	04/14/91
10 FILLER	PIC X(05)	VALUE	000875	
10 FILLER	PIC X(08)	VALUE SPACES.	000876	
10 FILLER	PIC X(08)	VALUE	000877	
10 FILLER 'PAY DATE'.	PIC X(31)	VALUE SPACES.	000878	
01 WS-DETAILS-FOR-ERROR.			000879	
05 ERR-DETAIL-1.			000880	
10 ERR-SSM	PIC X(11)	VALUE	000881	
10 FILLER	PIC X(02)	VALUE SPACES.	000882	
10 FILLER	PIC X(20)	VALUE	000883	
10 FILLER	PIC X(01)	VALUE SPACES.	000884	
10 FILLER	PIC X(10)	VALUE	000885	
10 FILLER	PIC X(02)	VALUE SPACES.	000886	
10 FILLER	PIC X(01)	VALUE	000887	
10 FILLER	PIC X(02)	VALUE SPACES.	000888	
10 FILLER	PIC X(01)	VALUE	000889	
10 FILLER	PIC X(01)	VALUE SPACES.	000890	
10 FILLER	PIC X(54)	VALUE	000891	04/14/91
10 FILLER	PIC X(29)	VALUE SPACES.	000892	04/14/91
10 FILLER	PIC X(01)	VALUE	000893	04/14/91
10 FILLER	PIC X(01)	VALUE SPACES.	000894	04/14/91
10 FILLER	PIC X(01)	VALUE	000895	

05	ERR-DETAIL-2.			000896
10	FILLER	PIC X(04)	VALUE SPACES.	000897
10	ERR-PHONE-NUMBER	PIC X(12).		000898
10	FILLER	PIC X(01)	VALUE SPACES.	000899
10	ERR-CRP	PIC 999.		000900
10	FILLER	PIC X(02)	VALUE SPACES.	000901
10	ERR-MERCHANT	PIC X(24).		000902
10	FILLER	PIC X(02)	VALUE SPACES.	000903
10	ERR-ACCOUNT-NUMBER	PIC X(25).		000904
10	FILLER	PIC X(01).	VALUE SPACES.	000905
10	ERR-PAYMENT-TYPE-1	PIC X(01).		000906
10	ERR-PAYMENT-TYPE-2	PIC X(01).		000907
10	FILLER	PIC X(02)	VALUE SPACES.	000908
10	ERR-AMOUNT	PIC Z,ZZZ,ZZZ.99.		000909
10	FILLER	PIC X(02)	VALUE SPACES.	000910
10	ERR-PAY-DATE	PIC X(08).		000911
10	FILLER	PIC X(02)	VALUE SPACES.	000912
10	ERR-STATUS-DESC	PIC X(25)		000913
10	FILLER	PIC X(01)	VALUE SPACES.	000914
10	ERR-STATUS-CMT	PIC ZZZZZ9.		000915
10	FILLER	PIC X(15)	VALUE SPACES.	000916
10	ERR-STATUS-DESC	PIC X(25)		000917
10	FILLER	PIC X(01)	VALUE SPACES.	000918
10	ERR-STATUS-CMT	PIC ZZZZZ9.		000919
10	FILLER	PIC X(01)	VALUE SPACES.	000920
10	ERR-STATUS-CMT	PIC ZZZZZ9.		000921
10	FILLER	PIC X(01)	VALUE SPACES.	000922
10	ERR-STATUS-DESC	PIC X(25)		000923
10	FILLER	PIC X(01)	VALUE SPACES.	000924
10	ERR-STATUS-CMT	PIC ZZZZZ9.		000925
10	FILLER	PIC X(01)	VALUE SPACES.	000926
10	ERR-STATUS-DESC	PIC X(25)		000927
10	FILLER	PIC X(01)	VALUE SPACES.	000928
10	ERR-STATUS-CMT	PIC ZZZZZ9.		000929
10	FILLER	PIC X(01)	VALUE SPACES.	000930
10	ERR-STATUS-DESC	PIC X(25)		000931
10	FILLER	PIC X(01)	VALUE SPACES.	000932
10	ERR-STATUS-CMT	PIC ZZZZZ9.		000933
10	FILLER	PIC X(01)	VALUE SPACES.	000934
10	ERR-STATUS-DESC	PIC X(25)		000935
10	FILLER	PIC X(01)	VALUE SPACES.	000936
10	ERR-STATUS-CMT	PIC ZZZZZ9.		000937
10	FILLER	PIC X(01)	VALUE SPACES.	000938
10	ERR-STATUS-DESC	PIC X(25)		000939
10	FILLER	PIC X(01)	VALUE SPACES.	000940
10	ERR-STATUS-CMT	PIC ZZZZZ9.		000941
10	FILLER	PIC X(01)	VALUE SPACES.	000942
10	ERR-STATUS-DESC	PIC X(25)		000943
10	FILLER	PIC X(01)	VALUE SPACES.	000944
10	ERR-STATUS-CMT	PIC ZZZZZ9.		000945
10	FILLER	PIC X(01)	VALUE SPACES.	000946

01 WS-HEADINGS-FOR-SUMMARY-REPT.

05	SUM-HEADING-1.	PIC X(11)	VALUE	000947	
10	FILLER			000948	
	'PBB00010.22'	PIC X(33)	VALUE SPACES.	000949	
10	FILLER	PIC X(43)	VALUE	000950	
10	FILLER	PIC X(28)	VALUE SERVICES *	000951	
10	FILLER	PIC X(9)	VALUE SPACES.	000952	
10	SUM-RUN-DATE	PIC X(8)	VALUE	000953	
	'RUN DATE '			000954	
05	SUM-HEADING-2.	PIC X(55)	VALUE SPACES.	000955	
10	FILLER	PIC X(21)	VALUE	000956	
10	FILLER	PIC X(46)	VALUE SPACES.	000957	
10	FILLER	PIC X(05)	VALUE	000958	
	'PAGE '			000959	
10	SUM-PAGE-NUMBER	PIC Z,ZZ9.	VALUE SPACES.	000960	
				000961	
05	SUM-HEADING-3.	PIC X(50)	VALUE SPACES.	000962	
10	FILLER	PIC X(21)	VALUE	000963	
10	FILLER	PIC X(08)	VALUE SPACES.	000964	
10	FILLER	PIC X(53)	VALUE	000965	
	'FOR COLLECTION DATE '			000966	
10	SUM-DRAFT-DATE	PIC X(12)	VALUE SPACES.	000967	
10	FILLER	PIC X(26)	VALUE	000968	
	'CONSUMER PAYMENTS PROCESSED'			000969	
10	FILLER	PIC X(30)	VALUE SPACES.	000970	
10	FILLER	PIC X(21)	VALUE	000971	
	'MERCHANT REMITTANCES PROCESSED'			000972	
10	SUM-DETAIL.	PIC X(14)	VALUE SPACES.	000973	
10	FILLER	PIC X(05)	VALUE	000974	
10	FILLER	PIC X(11)	VALUE SPACES.	000975	
10	FILLER	PIC X(01)	VALUE SPACES.	000976	
10	FILLER	PIC X(02)	VALUE SPACES.	000977	
10	FILLER	PIC X(03)	VALUE SPACES.	000978	
10	FILLER	PIC X(02)	VALUE SPACES.	000979	
10	FILLER	PIC X(02)	VALUE SPACES.	000980	
10	FILLER	PIC X(02)	VALUE SPACES.	000981	
10	FILLER	PIC X(02)	VALUE SPACES.	000982	
10	FILLER	PIC X(02)	VALUE SPACES.	000983	
10	FILLER	PIC X(02)	VALUE SPACES.	000984	
10	FILLER	PIC X(02)	VALUE SPACES.	000985	
10	FILLER	PIC X(02)	VALUE SPACES.	000986	
10	FILLER	PIC X(02)	VALUE SPACES.	000987	
10	FILLER	PIC X(02)	VALUE SPACES.	000988	
10	FILLER	PIC X(02)	VALUE SPACES.	000989	
10	FILLER	PIC X(02)	VALUE SPACES.	000990	
10	FILLER	PIC X(02)	VALUE SPACES.	000991	
10	FILLER	PIC X(02)	VALUE SPACES.	000992	
10	FILLER	PIC X(02)	VALUE SPACES.	000993	
10	FILLER	PIC X(02)	VALUE SPACES.	000994	
10	FILLER	PIC X(02)	VALUE SPACES.	000995	
10	FILLER	PIC X(02)	VALUE SPACES.	000996	
10	FILLER	PIC X(02)	VALUE SPACES.	000997	

10 SUM-COL-DOLLARS	PIC \$\$\$,\$\$\$,\$\$\$.\$99.	VALUE SPACES.	000998	05/25/91
10 FILLER	PIC X(11)	VALUE SPACES.	000999	05/25/91
10 SUM-RMT-TYPE-LIT	PIC X(05)	VALUE SPACES.	001000	05/25/91
10 FILLER	PIC X(01)	VALUE SPACES.	001001	05/25/91
10 SUM-RMT-RMT-LIT	PIC X(11)	VALUE SPACES.	001002	05/25/91
10 FILLER	PIC X(01)	VALUE SPACES.	001003	05/25/91
10 SUM-RMT-ITEMS	PIC Z,ZZZ,ZZ9.	VALUE SPACES.	001004	05/25/91
10 FILLER	PIC X(02)	VALUE SPACES.	001005	05/25/91
10 SUM-RMT-FOR-LIT	PIC X(03)	VALUE SPACES.	001006	05/25/91
10 FILLER	PIC X(02)	VALUE SPACES.	001007	05/25/91
10 SUM-RMT-DOLLARS	PIC \$\$\$,\$\$\$,\$\$\$.\$99.	VALUE SPACES.	001008	05/25/91
10 FILLER	PIC X(09)	VALUE SPACES.	001009	
			001010	
			001011	
			001012	
			001013	
			001014	
			001015	01/02/91
			001016	
			001017	
			001018	
			001019	
			001020	
			001021	
			001022	
			001023	
			001024	
			001025	03/13/91
			001026	03/13/91
			001027	03/13/91
			001028	03/13/91
			001029	03/13/91
			001030	03/13/91
			001031	03/13/91
			001032	03/13/91
			001033	03/13/91
			001034	03/13/91
			001035	03/13/91
			001036	03/13/91
			001037	03/13/91
			001038	03/13/91
			001039	03/13/91
			001040	03/13/91
			001041	03/13/91
			001042	05/25/91
			001043	05/25/91
			001044	03/13/91
			001045	03/13/91
			001046	03/13/91
			001047	03/13/91
			001048	03/13/91

PROCEDURE DIVISION.

MOVE 'PBB00010' TO SQL-PGM.

A000-MAINLINE.

EXEC SQL WHENEVER SQLWARNING GO TO ERRCCK END-EXEC.
 EXEC SQL WHENEVER SQLERROR GO TO ERRCCK END-EXEC.
 EXEC SQL WHENEVER NOT FOUND CONTINUE END-EXEC.

MOVE 'PBB00010' TO WS-PROGRAM-NAME.
 MOVE 'SELECTING FROM T900_PROG_CONTROL' TO STEP-DENOTER.

EXEC SQL SELECT PC_LAST_COMMIT_KEY,
 PC_COMMIT_INTERVAL,
 PC_RESTART_MODE
 INTO :PC-LAST-COMMIT-KEY,
 :PC-COMMIT-INTERVAL,
 :PC-RESTART-MODE
 FROM T900_PROG_CONTROL
 WHERE PC_PROGRAM_NAME = :WS-PROGRAM-NAME
 END-EXEC.

DISPLAY 'PC-LAST-COMMIT-KEY : ' PC-LAST-COMMIT-KEY
 DISPLAY 'PC-COMMIT-INTERVAL : ' PC-COMMIT-INTERVAL
 DISPLAY 'PC-RESTART-MODE : ' PC-RESTART-MODE

IF SQLCODE EQUAL 100
 GO TO ERRCCK.

IF PC-LAST-COMMIT-KEY NOT = SPACE AND
 PC-RESTART-MODE NOT = 'Y'
 DISPLAY 'POSSIBLE RESTART CONDITION PROGRAM '
 WS-PROGRAM-NAME ' FROM LAST PRODUCTION RUN '

```

END-IF.
GO TO ERRCXK

IF PC-LAST-COMMIT-KEY NOT = SPACE
  DISPLAY 'RESTARTING PROGRAM ' MS-PROGRAM-NAME
  MOVE PC-LAST-COMMIT-KEY TO MS-LAST-KEY
  MOVE 'V' TO PC-RESTART-MODE
END-IF.

OPEN INPUT DATE-FILE.
OPEN INPUT CARDIN.

PERFORM A050-INITIALIZE THRU A050-INITIALIZE-EXIT.

CLOSE DATE-FILE.

*
* DECLARE CURSORS HERE.
*
MOVE 'DECLARE CURSOR T010' TO STEP-DENOTER.
EXEC SQL DECLARE T010 CURSOR FOR
  SELECT
    MS_SETTLE_CODE,
    MS_STATUS,
    MS_SETTLE_METH_IND
  FROM T010_MRCH_SETTLE
  WHERE
    MS_SETTLE_METH_IND = 'A'
    AND MS_STATUS = 'A'
  ORDER BY MS_SETTLE_CODE
END-EXEC.

MOVE 'DECLARE CURSOR T002' TO STEP-DENOTER.
EXEC SQL DECLARE T002 CURSOR
  FOR SELECT
    CP_SSN,
    CP_CHK_PHONE,
    CP_CHK_CR_PHONE,
    CP_MRCH_PHONE,
    CP_MRCH_CR_PHONE,
    CP_MRCH_NAME,
    CP_MRCH_AMT,
    CP_MRCH_PAY_DATE,
    CP_PAY_TYPE,
    CP_NBR_REMAIN,
    CP_STATUS,
    CP_ACCT_NBR,
    CP_PAY_FREQ,
    CP_CHG_DATE,
    CP_CHG_AMT,

```

```

001049 03/13/91
001050 03/13/91
001051 03/13/91
001052 03/13/91
001053 03/13/91
001054 03/13/91
001055 03/13/91
001056 03/13/91
001057 03/13/91
001058 03/13/91
001059
001060
001061
001062
001063
001064
001065
001066
001067
001068
001069 05/25/91
001070 05/25/91
001071 05/25/91
001072 05/25/91
001073 05/25/91
001074 05/25/91
001075 05/25/91
001076 05/25/91
001077 05/25/91
001078 05/25/91
001079 05/25/91
001080 05/25/91
001081
001082
001083
001084
001085
001086
001087
001088
001089
001090
001091
001092
001093
001094
001095
001096
001097
001098
001099

```

```

CP_LAST_TRANS_DATE,
CP_PRENOTE_DATE,
CP_PRENOTE_RESET,
CP_ACCT_SCHEME,
CP_CAT_NBR,
CP_MNEMONIC
FROM T002_CONSUMER_PAY
WHERE CP_SSN > :SQL-PREV-SSN
AND CP_MRCH_PAY_DATE <= :SQL-DRAFT-DATE
AND CP_MRCH_PAY_DATE <> 0
AND CP_MRCH_AMT <> 0
AND CP_STATUS IN ('A', 'P')
ORDER BY CP_SSN, CP_CHK_PHONE
END-EXEC.

```

```

OPEN INPUT MERCHANT-FILE.
IF MMR-STAT = '00' OR '97'
NEXT SENTENCE

```

```

ELSE
  DISPLAY 'MESSAGE FROM ' SQL-PGM ' :
  DISPLAY 'BAD OPEN ON MASTER MERCHANT
  DISPLAY 'FILE.
  DISPLAY 'STATUS CODE IS: ' MMR-STAT
  DISPLAY 'PROGRAM HALTED. STOP JOB
  DISPLAY 'STREAM AND CORRECT PROBLEM.
  DISPLAY
  DISPLAY 'MESSAGE FROM ' SQL-PGM ' :
  DISPLAY 'BAD OPEN ON MASTER MERCHANT
  DISPLAY 'FILE.
  DISPLAY 'STATUS CODE IS: ' MMR-STAT
  DISPLAY 'PROGRAM HALTED. STOP JOB
  DISPLAY 'STREAM AND CORRECT PROBLEM.
  DISPLAY
  GO TO ERRCMK.

```

```
EXEC SQL OPEN T010 END-EXEC.
```

```

PERFORM A079-READ-STLCODE
THRU A079-READ-STLCODE-EXIT.
PERFORM A075-LOAD-STLCODE-TBL
THRU A075-LOAD-STLCODE-TBL-EXIT
UNTIL ALL-STLCODE-PROCESSED.
MOVE 'CLOSE CURSOR T010' TO STEP-DENOTER.
EXEC SQL CL SE T010 END-EXEC.

```

```

IF PC-RESTART-MODE = 'Y'
MOVE WS-LAST-KEY TO WS-TOTALS.
PERFORM 9100-LOAD-PAY-TBL THRU 9100-EXIT
MOVE WS-PREVIOUS-SSN TO SQL-PREV-SSN
DISPLAY 'LOAD WS-TOTALS ' WS-TOTALS
END-IF.

```

001100	
001101	
001102	
001103	
001104	
001105	
001106	
001107	03/13/91
001108	03/13/91
001109	03/13/91
001110	03/13/91
001111	
001112	
001113	
001114	
001115	
001116	03/13/91
001117	
001118	
001119	
001120	
001121	
001122	
001123	
001124	
001125	
001126	
001127	
001128	
001129	
001130	
001131	
001132	
001133	03/13/91
001134	05/25/91
001135	05/25/91
001136	05/25/91
001137	05/25/91
001138	05/25/91
001139	05/25/91
001140	05/25/91
001141	05/25/91
001142	05/25/91
001143	05/25/91
001144	03/13/91
001145	03/13/91
001146	03/13/91
001147	03/13/91
001148	03/13/91
001149	03/13/91
001150	03/13/91

```

MOVE 'OPEN CURSOR T002' TO STEP-DENOTER.
EXEC SQL OPEN T002 END-EXEC.
OPEN OUTPUT TRANHOLD-FILE
      PAY-TABLE-OUTPUT
      DRFTITEM-FILE
      ROLLOVER-REPORT
      ERROR-REPORT
      SUMMARY-REPORT.

PERFORM A100-MAIN THRU
      A100-MAIN-EXIT.

MOVE 'CLOSE CURSOR T002' TO STEP-DENOTER.
EXEC SQL CLOSE T002 END-EXEC.

IF WS-TOTAL-ERROR-LINES > 48
  PERFORM D100-ERROR-HEADINGS
    THRU D100-ERROR-HEADINGS-EXIT.

MOVE 'TOTAL OF SSM BY STATUS A' TO ERR-STATUS-DESC.
MOVE WS-STATUS-A-CNT TO ERR-STATUS-CNT.
MOVE ERR-DETAIL-3 TO ERROR-REPORT-LINE.
WRITE ERROR-REPORT-LINE.

MOVE 'TOTAL OF SSM BY STATUS I' TO ERR-STATUS-DESC.
MOVE WS-STATUS-I-CNT TO ERR-STATUS-CNT.
MOVE ERR-DETAIL-3 TO ERROR-REPORT-LINE.
WRITE ERROR-REPORT-LINE.

MOVE 'TOTAL OF SSM BY STATUS F' TO ERR-STATUS-DESC.
MOVE WS-STATUS-F-CNT TO ERR-STATUS-CNT.
MOVE ERR-DETAIL-3 TO ERROR-REPORT-LINE.
WRITE ERROR-REPORT-LINE.

MOVE 'TOTAL OF SSM BY STATUS D' TO ERR-STATUS-DESC.
MOVE WS-STATUS-D-CNT TO ERR-STATUS-CNT.
MOVE ERR-DETAIL-3 TO ERROR-REPORT-LINE.
WRITE ERROR-REPORT-LINE.

MOVE 'TOTAL OF SSM BY STATUS P' TO ERR-STATUS-DESC.
MOVE WS-STATUS-P-CNT TO ERR-STATUS-CNT.
MOVE ERR-DETAIL-3 TO ERROR-REPORT-LINE.
WRITE ERROR-REPORT-LINE.

MOVE 'TOTAL OF SSM BY STATUS C' TO ERR-STATUS-DESC.
MOVE WS-STATUS-C-CNT TO ERR-STATUS-CNT.
MOVE ERR-DETAIL-3 TO ERROR-REPORT-LINE.
WRITE ERROR-REPORT-LINE.

```

001151	03/13/91
001152	03/13/91
001153	03/13/91
001154	01/02/91
001155	03/13/91
001156	01/02/91
001157	
001158	
001159	
001160	03/13/91
001161	03/13/91
001162	
001163	
001164	
001165	
001166	04/14/91
001167	04/14/91
001168	04/14/91
001169	04/14/91
001170	04/14/91
001171	04/14/91
001172	04/14/91
001173	04/14/91
001174	04/14/91
001175	04/14/91
001176	04/14/91
001177	04/14/91
001178	04/14/91
001179	04/14/91
001180	04/14/91
001181	04/14/91
001182	04/14/91
001183	04/14/91
001184	04/14/91
001185	04/14/91
001186	04/14/91
001187	04/14/91
001188	04/14/91
001189	04/14/91
001190	04/14/91
001191	04/14/91
001192	04/14/91
001193	04/14/91
001194	04/14/91
001195	04/14/91
001196	04/14/91
001197	04/14/91
001198	04/14/91
001199	04/14/91
001200	04/14/91
001201	04/14/91

COMPUTE WS-STATUS-TOT-CNT = WS-STATUS-A-CNT +
 WS-STATUS-I-CNT +
 WS-STATUS-F-CNT +
 WS-STATUS-D-CNT +
 WS-STATUS-P-CNT +
 WS-STATUS-C-CNT.

MOVE SPACES
 WRITE ERROR-REPORT-LINE. TO ERROR-REPORT-LINE.

MOVE 'TOTAL CONSUMERS IN ERROR ' TO ERR-STATUS-DESC.
 MOVE WS-STATUS-TOT-CNT TO ERR-STATUS-CNT.
 MOVE ERR-DETAIL-3 TO ERROR-REPORT-LINE.
 WRITE ERROR-REPORT-LINE.
 CLOSE MERCHANT-FILE,
 TRANHOLD-FILE,
 DRFTITEM-FILE,
 ROLLOVER-REPORT,
 ERROR-REPORT,
 SUMMARY-REPORT,
 CARDIN.

STOP RUN.

MOVE SPACE TO PC-LAST-COMMIT-KEY

PC-RESTART-MODE.

PERFORM 9000-COMMIT-WORK THRU

9000-EXIT

STOP RUN.

A000-MAINLINE-EXIT.

EXIT.

A050-INITIALIZE.

ACCEPT WS-CURRENT-DATE FROM DATE.

MOVE CD-YR TO WS-TRANS-YEAR.

MOVE CD-MONTH TO WS-TRANS-MONTH.

MOVE CD-DAY TO WS-TRANS-DAY.

ACCEPT WS-TIME FROM TIME.

MOVE WS-HH TO WS-HOUR.

MOVE WS-MM TO WS-MIN.

MOVE WS-COMP-KEY TO COMP-CTL-KEY.

READ DATE-FILE INTO WS-DATE-RECORD.

IF COMP-STATUS = '00'

NEXT SENTENCE

ELSE

DISPLAY 'MESSAGE FROM ' SQL-FGM ' :

DISPLAY 'BAD READ ON AECOMP DATE FILE.'

DISPLAY 'STATUS CODE IS: ' COMP-STATUS

DISPLAY 'PROGRAM HALTED. STOP JOB '

001202	04/14/91
001203	04/14/91
001204	04/14/91
001205	04/14/91
001206	04/14/91
001207	04/14/91
001208	04/14/91
001209	04/14/91
001210	04/14/91
001211	04/14/91
001212	04/14/91
001213	04/14/91
001214	04/14/91
001215	04/14/91
001216	
001217	
001218	
001219	
001220	
001221	
001222	
001223	03/13/91
001224	03/13/91
001225	03/13/91
001226	03/13/91
001227	03/13/91
001228	03/13/91
001229	
001230	
001231	
001232	
001233	
001234	
001235	
001236	01/02/91
001237	
001238	
001239	
001240	01/02/91
001241	
001242	
001243	
001244	
001245	
001246	
001247	
001248	
001249	
001250	
001251	
001252	

DISPLAY 'STREAM AND CORRECT PROBLEM.'
 DISPLAY
 DISPLAY 'MESSAGE FROM ' SQL-PGM ':
 DISPLAY 'BAD READ ON AECOM DATE FILE.'
 DISPLAY 'STATUS CODE IS: ' COMP-STATUS
 DISPLAY 'PROGRAM HALTED. STOP JOB
 DISPLAY 'STREAM AND CORRECT PROBLEM.'
 CLOSE DATE-FILE
 GO TO ERRCMK.

001253
 001254
 001255
 001256
 001257
 001258
 001259
 001260
 001261

03/13/91

MOVE AECO-CTL-TOD-FMT-DT TO DRAFT-DATE.
 ***** CONVERT DRAFT-DATE TO DRAFT-DATE-PLUS-DEF
 MOVE DRAFT-DATE TO DATE-IMDDYVVY.
 PERFORM GREGORIAN-TO-JULIAN THRU
 GREGORIAN-TO-JULIAN-EXIT.
 MOVE 'D' TO DATE-PERIOD.

IF MORE-CARDIN
 READ CARDIN INTO WS-HOLD-DRAFT AT END
 MOVE 'N' TO WS-CARDIN-SW.

IF DRAFT-EXTENSION NOT NUMERIC

DISPLAY 'MESSAGE FROM ' SQL-PGM ':
 DISPLAY 'PROGRAM HALTED. DRAFT EXTENSION
 DISPLAY 'VALUE SET IN JCL IS NON-NUMERIC.'
 DISPLAY 'STOP JOB STREAM AND CORRECT THIS
 DISPLAY 'PROBLEM.'
 DISPLAY
 DISPLAY 'MESSAGE FROM ' SQL-PGM ':
 DISPLAY 'PROGRAM HALTED. DRAFT EXTENSION
 DISPLAY 'VALUE SET IN JCL IS NON-NUMERIC.'
 DISPLAY 'STOP JOB STREAM AND CORRECT THIS
 DISPLAY 'PROBLEM.'
 GO TO ERRCMK.

UPON CONSOLE
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03/13/91

IF DRAFT-EXTENSION-99 > 99

DISPLAY 'MESSAGE FROM ' SQL-PGM ':
 DISPLAY 'PROGRAM HALTED. DRAFT EXTENSION
 DISPLAY 'VALUE SET IN JCL IS TOO BIG.'
 DISPLAY 'STOP JOB STREAM AND CORRECT THIS
 DISPLAY 'PROBLEM.'
 DISPLAY
 DISPLAY 'MESSAGE FROM ' SQL-PGM ':
 DISPLAY 'PROGRAM HALTED. DRAFT EXTENSION
 DISPLAY 'VALUE SET IN JCL IS TOO BIG.'
 DISPLAY 'STOP JOB STREAM AND CORRECT THIS
 DISPLAY 'PROBLEM.'
 GO TO ERRCMK.

UPON CONSOLE
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03/13/91

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IF MORE-CARDIN

READ CARDIN INTO WS-HOLD-ACH AT END

MOVE 'N' TO WS-CARDIN-SM

ELSE

MOVE SPACES TO WS-HOLD-ACH.

IF DAY-NIGHT-ACH NOT = 'B'.

AND

DAY-NIGHT-ACH NOT = 'E'

DISPLAY 'MESSAGE FROM ' SQL-PGM ' ;

DISPLAY 'PROGRAM HALTED. ACH MODIFIER SET

DISPLAY 'IN JCL MUST BE EITHER B OR E.

DISPLAY 'STOP JOB STREAM AND CORRECT THIS

DISPLAY 'PROBLEM.

DISPLAY

DISPLAY 'MESSAGE FROM ' SQL-PGM ' ;

DISPLAY 'PROGRAM HALTED. ACH MODIFIER SET

DISPLAY 'IN JCL MUST BE EITHER B OR E.

DISPLAY 'STOP JOB STREAM AND CORRECT THIS

DISPLAY 'PROBLEM.

GO TO ERRCIK.

UPON CONSOLE
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03/13/91

MOVE DRAFT-EXTENSION-99 TO DATE-FREQ.
PERFORM FUTURE-DATE THRU

FUTURE-DATE-EXIT.

PERFORM JULIAN-TO-GREGORIAN THRU

JULIAN-TO-GREGORIAN-EXIT.

MOVE DATE-MM TO DATE-M.

MOVE DATE-DD TO DATE-D.

MOVE DATE-YY TO WS-YEAR-WORK.

MOVE WS-YV-LAST12 TO DATE-Y.

MOVE DATE-MDY TO DRAFT-DATE-PLUS-DEF

***** MOVE DRAFT-DATE-PLUS-DEF TO OUTPUT REPORT DATES.

MOVE DRAFT-DATE-PLUS-DEF TO WS-DATE-MDY.

MOVE WS-M-MDY TO WS-M-MDY-SLASHES

MOVE WS-D-MDY TO WS-D-MDY-SLASHES

MOVE WS-Y-MDY TO WS-Y-MDY-SLASHES

MOVE WS-DATE-MDY-WITH-SLASHES TO RO-DRAFT-REPORT-DATE,
ERR-DRAFT-DATE.

***** CONVERT DRAFT-DATE TO YVWMD FORMAT FOR COMPARE ON T002.

MOVE DRAFT-DATE-PLUS-DEF TO WS-DATE-MDY.

MOVE WS-Y-MDY TO WS-Y-YMD

MOVE WS-M-MDY TO WS-M-YMD

MOVE WS-D-MDY TO WS-D-YMD

MOVE WS-DATE-YMD TO WS-77-DATE

MOVE WS-77-DATE TO SQL-DRAFT-DATE

***** MOVE TODAY'S PROCESSING DATE TO OUTPUT RUN DATE.

MOVE AECO-CTL-TOD-PRO-DI TO WS-77-DATE-7DIGITS.

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MOVE WS-77-DATE-7DIGITS TO WS-SQL-DATE.	001355	
MOVE WS-SQL-DATE-VND TO WS-DATE-MDY.	001356	
MOVE WS-Y-MDY TO WS-Y-MDY-SLASHES	001357	
MOVE WS-M-MDY TO WS-M-MDY-SLASHES	001358	
MOVE WS-D-MDY TO WS-D-MDY-SLASHES	001359	
MOVE WS-DATE-MDY-WITH-SLASHES TO RO-RUN-DATE,	001360	
ERR-RUN-DATE	001361	
SUM-RUN-DATE.	001362	
MOVE WS-Y-MDY TO HOLD-Y-FFMMDDYY	001363	
MOVE WS-M-MDY TO HOLD-M-FFMMDDYY	001364	
MOVE WS-D-MDY TO HOLD-D-FFMMDDYY	001365	
MOVE 00 TO HOLD-F-FFMMDDYY	001366	
MOVE WS-HOLD-DATE-FFMMDDYY TO DATE-WMDDYYYY	001367	
PERFORM GREGORIAN-TO-JULIAN THRU	001368	
GREGORIAN-TO-JULIAN-EXIT	001369	
MOVE DATE-YYYY TO WS-TRACE-VY.	001370	
MOVE DATE-DDD TO WS-TRACE-DDD.	001371	
***** INITIALIZE THE DRAFTED ITEMS FILE.	001372	11/14/90
MOVE ZEROES TO DRAFT-RECORD.	001373	11/14/90
MOVE SPACES TO DRAFT-MRCH-DELETE,	001374	11/14/90
DRAFT-MRCH-INEMONIC,	001375	11/14/90
DRAFT-PAY-TYPE,	001376	11/14/90
DRAFT-PAY-STATUS,	001377	11/14/90
DRAFT-MRCH-NAME,	001378	11/14/90
DRAFT-CHECK-DIGIT.	001379	11/14/90
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	001385	05/25/91
	001386	05/25/91
	001387	05/25/91
	001388	05/25/91
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	001400	05/25/91
	001401	05/25/91
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	001404	05/25/91
	001405	05/25/91
A075-LOAD-STLCODE-TBL.		
IF TRANFREE-TBL-ENTRIES EQUAL TRANFREE-MAX-ENTRIES		
DISPLAY 'SETTLEMENT CODE TABLE OVERFLOW'		
GO TO ERCHK.		
ADD 1 TO TRANFREE-TBL-ENTRIES.		
SET TFR-IDX TO TRANFREE-TBL-ENTRIES.		
MOVE MS-SETTLE-CODE TO TFR-TBL-SC-CODE (TFR-IDX).		
MOVE ZERO TO TFR-TBL-SC-ITEMS (TFR-IDX).		
MOVE ZERO TO TFR-TBL-SC-DOLLARS (TFR-IDX).		
PERFORM A079-READ-STLCODE		
THRU A079-READ-STLCODE-EXIT.		
A075-LOAD-STLCODE-TBL-EXIT.		
EXIT.		
A050-INITIALIZE-EXIT.		
EXIT.		
A079-READ-STLCODE.		
MOVE 'FETCHING FROM T010' TO STEP-DENOTER.		
EXEC SQL FETCH T010		
INTO		
:MS-SETTLE-CODE,		
:MS-STATUS,		
:MS-SETTLE-METH-IND		

END-EXEC.
IF SQLCODE EQUAL 100
MOVE 'V' TO ALL-SILCODE-PROCESSED-SW.
A079-READ-SILCODE-EXIT.
EXIT.

* THE FOLLOWING MODULE IS THE MAIN INTERNAL DRIVER FOR THIS *
* PROGRAM. *

A100-MAIN.

PERFORM UNTIL EOF
MOVE ZERO TO WS-COMMIT-COUNTER
PERFORM A125-T002-CONS-PAY-FETCH
THRU A125-T002-CONS-PAY-FETCH-EXIT
UNTIL EOF

END-PERFORM.

IF WS-TOTAL-ROLLOVER-LINES > 0
AND NOT = 999
PERFORM C400-TOTAL-BREAK
THRU C400-TOTAL-BREAK-EXIT.
IF WS-TOTAL-ERROR-LINES > 0
AND NOT = 999

PERFORM D400-TOTAL-BREAK
THRU D400-TOTAL-BREAK-EXIT.
PERFORM I100-CREDIT-OFFSETS
THRU I100-CREDIT-OFFSETS-EXIT.
PERFORM J200-WRITE-GRAND-SUMMARY
THRU J200-WRITE-GRAND-SUMMARY-EXIT.

*** THE FOLLOWING WILL CREATE A GRAND TOTAL LINE ON THE DETAIL
*** DRAFT REPORT.

MOVE TFR-RMT-TOT-ITEMS TO GND-TOT-ROL-ITEMS.
MOVE TFR-RMT-TOT-DOLLARS TO GND-TOT-ROL-DOLLARS.
MOVE SPACES TO ROLLOVER-REPORT-LINE.
MOVE GND-TOT-ROL-DETAIL TO ROLLOVER-REPORT-LINE.
MOVE '0' TO CC-LINE
MOVE 2 TO ADVANCE-AMOUNT.
PERFORM C900-WRITE-ROLL-LINE
THRU C900-WRITE-ROLL-LINE-EXIT.

*** THE FOLLOWING WILL CREATE A GRAND TOTAL ERROR LINE ON THE
*** DETAIL DRAFT REPORT.

MOVE WS-GND-TOT-ERR-ITEMS TO GND-TOT-ERR-ITEMS.
MOVE WS-GND-TOT-ERR-DOLLARS TO GND-TOT-ERR-DOLLARS.
MOVE SPACES TO ROLLOVER-REPORT-LINE.

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*****
* THE FOLLOWING MODULES PRODUCE THE ROLLOVER REPORT FOR THIS *
* PROGRAM. *
*****
```

C100-ROLL-HEADINGS.

```
MOVE 'N' TO ARE-CONS-RO-HEADINGS-WRITTEN.
MOVE 'N' TO ARE-HRCH-RO-HEADINGS-WRITTEN.
MOVE 'N' TO ARE-CONS-RO-DETAIL-WRITTEN.
MOVE 'N' TO ARE-HRCH-RO-DETAIL-WRITTEN.
MOVE ZEROS TO WS-TOTAL-ROLLOVER-LINES.
ADD 1 TO WS-ROLLOVER-PAGE-COUNT.
MOVE WS-ROLLOVER-PAGE-COUNT TO RO-PAGE-NUMBER.
MOVE SPACES TO ROLLOVER-REPORT-LINE.
MOVE RO-HEADING-1 TO ROLLOVER-REPORT-LINE.
PERFORM C800-WRITE-ROLL-PAGE
THRU C800-WRITE-ROLL-PAGE-EXIT.
MOVE SPACES TO ROLLOVER-REPORT-LINE.
MOVE ' ' TO CC-LINE
MOVE 1 TO ADVANCE-AMOUNT.
MOVE RO-HEADING-2 TO ROLLOVER-REPORT-LINE.
PERFORM C900-WRITE-ROLL-LINE
THRU C900-WRITE-ROLL-LINE-EXIT.
C100-ROLL-HEADINGS-EXIT.
EXIT.
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C200-CONSUMER-ROLL-LINE.

```
IF FIRST-ROLL-RECORD
MOVE 'N' TO IS-THIS-FIRST-ROLL-RECORD
PERFORM C100-ROLL-HEADINGS
THRU C100-ROLL-HEADINGS
ELSE
IF WS-TOTAL-ROLLOVER-LINES > 45
AND
CP-SSN NOT = WS-PREVIOUS-ROLL-SSN
PERFORM C400-TOTAL-BREAK
THRU C400-TOTAL-BREAK-EXIT
PERFORM C100-ROLL-HEADINGS
THRU C100-ROLL-HEADINGS-EXIT
ELSE
IF WS-TOTAL-ROLLOVER-LINES > 45
AND
CP-SSN = WS-PREVIOUS-ROLL-SSN
PERFORM C100-ROLL-HEADINGS
THRU C100-ROLL-HEADINGS-EXIT
ELSE
IF CP-SSN NOT = WS-PREVIOUS-ROLL-SSN
PERFORM C400-TOTAL-BREAK
THRU C400-TOTAL-BREAK-EXIT
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THRU C400-TOTAL-BREAK-EXIT.

MOVE CP-SSN TO WS-PREVIOUS-ROLL-SSN.
 IF CONS-RO-HEADING-NOT-WRITTEN
 PERFORM C210-CONSUMER-HEADINGS
 THRU C210-CONSUMER-HEADINGS-EXIT.
 PERFORM C220-CONSUMER-DETAIL
 THRU C220-CONSUMER-DETAIL-EXIT.
 C200-CONSUMER-ROLL-LINE-EXIT.
 EXIT.

C210-CONSUMER-HEADINGS.

MOVE 'V' TO ARE-CONS-RO-HEADINGS-WRITTEN.
 MOVE SPACES TO ROLLOVER-REPORT-LINE.
 MOVE '-' TO CC-LINE
 MOVE 3 TO ADVANCE-AMOUNT.
 MOVE RO-HEADING-3 TO ROLLOVER-REPORT-LINE.
 PERFORM C900-WRITE-ROLL-LINE
 THRU C900-WRITE-ROLL-LINE-EXIT.
 C210-CONSUMER-HEADINGS-EXIT.
 EXIT.

C220-CONSUMER-DETAIL.

MOVE 'V' TO ARE-CONS-RO-DETAIL-WRITTEN.
 MOVE CP-SSN TO WS-77-SSN.
 MOVE WS-77-SSN TO WS-SSN-IN.
 MOVE WS-SSN-1ST3-IN TO WS-SSN-1ST3-OUT.
 MOVE WS-SSN-2ND2-IN TO WS-SSN-2ND2-OUT.
 MOVE WS-SSN-LAST4-IN TO WS-SSN-LAST4-OUT.
 MOVE WS-SSN-OUT TO RO-SSN.
 MOVE CF-LAST-NAME TO RO-LAST-NAME.
 MOVE CF-FIRST-NAME TO RO-FIRST-NAME.
 MOVE CF-MID-INIT TO RO-MI.
 MOVE SPACES TO ROLLOVER-REPORT-LINE.
 MOVE ' ' TO CC-LINE
 MOVE 1 TO ADVANCE-AMOUNT.
 MOVE RO-DETAIL-1 TO ROLLOVER-REPORT-LINE.
 PERFORM C900-WRITE-ROLL-LINE
 THRU C900-WRITE-ROLL-LINE-EXIT.
 C220-CONSUMER-DETAIL-EXIT.
 EXIT.

C300-MERCHANT-ROLL-LINE.

IF WS-TOTAL-ROLOVER-LINES > 55
 PERFORM C100-ROLL-HEADINGS
 THRU C100-ROLL-HEADINGS-EXIT.

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IF CONS-RO-HEADING-NOT-WRITTEN
 PERFORM C210-CONSUMER-HEADINGS
 THRU C210-CONSUMER-HEADINGS-EXIT.
 IF CONS-RO-DETAIL-NOT-WRITTEN
 PERFORM C220-CONSUMER-DETAIL
 THRU C220-CONSUMER-DETAIL-EXIT.
 IF MRCH-RO-HEADING-NOT-WRITTEN
 PERFORM C310-MERCHANT-HEADINGS
 THRU C310-MERCHANT-DETAIL
 PERFORM C320-MERCHANT-DETAIL
 THRU C320-MERCHANT-DETAIL-EXIT.
 C300-MERCHANT-ROLL-LINE-EXIT.
 EXIT.

C310-MERCHANT-HEADINGS.
 MOVE 'Y' TO ARE-MRCH-RO-HEADINGS-WRITTEN.
 MOVE SPACES TO ROLLOVER-REPORT-LINE.
 MOVE '0' TO CC-LINE
 MOVE 2 TO ADVANCE-AMOUNT.
 MOVE RO-HEADING-4 TO ROLLOVER-REPORT-LINE.
 PERFORM C900-WRITE-ROLL-LINE
 THRU C900-WRITE-ROLL-LINE-EXIT.
 C310-MERCHANT-HEADINGS-EXIT.
 EXIT.

C320-MERCHANT-DETAIL.
 MOVE CP-MRCH-PHONE TO WS-77-PHONE.
 MOVE WS-77-PHONE TO WS-PHONE-NUMBER-IN
 MOVE WS-AREA-CODE-IN TO WS-AREA-CODE-OUT
 MOVE WS-PHONE-EXCHG-IN TO WS-PHONE-EXCHG-OUT
 MOVE WS-PHONE-EXT-IN TO WS-PHONE-EXT-OUT
 MOVE WS-PHONE-NUMBER-OUT TO RO-PHONE-NUMBER
 MOVE CP-MRCH-CR-PHONE TO RO-CRP
 MOVE CP-MRCH-NAME TO RO-MERCHANT
 MOVE CP-ACCT-NBR TO RO-ACCOUNT-NUMBER
 MOVE SPACES TO ROLLOVER-REPORT-LINE.
 MOVE ' ' TO CC-LINE
 MOVE 1 TO ADVANCE-AMOUNT.
 MOVE RO-DETAIL-2 TO ROLLOVER-REPORT-LINE.
 PERFORM C900-WRITE-ROLL-LINE
 THRU C900-WRITE-ROLL-LINE-EXIT.
 ADD WS-77-HOLD-PAY-AMOUNT TO WS-TOT-RO-DOLLARS.
 ADD 1 TO WS-TOT-RO-ITEMS.
 C320-MERCHANT-DETAIL-EXIT.
 EXIT.

C400-TOTAL-BREAK.

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MOVE WS-TOT-RO-ITEMS TO TOT-ROL-ITEMS.
 MOVE WS-TOT-RO-DOLLARS TO TOT-ROL-DOLLARS.
 MOVE SPACES TO ROLLOVER-REPORT-LINE.
 MOVE '0' TO CC-LINE
 MOVE 2 TO ADVANCE-AMOUNT.
 MOVE TOT-ROL-DETAIL TO ROLLOVER-REPORT-LINE.
 PERFORM C900-WRITE-ROLL-LINE
 THRU C900-WRITE-ROLL-LINE-EXIT.
 MOVE SPACES TO ROLLOVER-REPORT-LINE.
 MOVE '0' TO CC-LINE
 MOVE 2 TO ADVANCE-AMOUNT.
 PERFORM C900-WRITE-ROLL-LINE
 THRU C900-WRITE-ROLL-LINE-EXIT.

MOVE ZEROS TO WS-TOT-RO-ITEMS
 WS-TOT-RO-DOLLARS.
 C400-TOTAL-BREAK-EXIT.
 EXIT.

C600-WRITE-ROLL-PAGE.
 MOVE 0 TO WS-TOTAL-ROLLOVER-LINES.
 MOVE '1' TO CC-LINE.
 MOVE ROLLOVER-REPORT-LINE TO JUNK-LINE.
 MOVE WS-LAST-COMMIT-COUNT TO JUNK-COMMIT-KEY.
 WRITE ROLLOVER-REPORT-LINE FROM WS-PRINT-LINE.
 ADD 1 TO WS-TOTAL-ROLLOVER-LINES.
 C800-WRITE-ROLL-PAGE-EXIT.
 EXIT.

C900-WRITE-ROLL-LINE.
 MOVE ROLLOVER-REPORT-LINE TO JUNK-LINE.
 MOVE WS-LAST-COMMIT-COUNT TO JUNK-COMMIT-KEY.
 WRITE ROLLOVER-REPORT-LINE FROM WS-PRINT-LINE.
 ADD ADVANCE-AMOUNT TO WS-TOTAL-ROLLOVER-LINES.
 C900-WRITE-ROLL-LINE-EXIT.
 EXIT.

 * THE FOLLOWING MODULES PRODUCE THE ERROR REPORT FOR THIS *
 * PROGRAM. *

D100-ERROR-HEADINGS.
 MOVE 'N' TO ARE-CONS-ERR-HEADINGS-WRITTEN.
 MOVE 'N' TO ARE-MRCH-ERR-HEADINGS-WRITTEN.
 MOVE 'N' TO ARE-CONS-ERR-DETAIL-WRITTEN.
 MOVE 'N' TO ARE-MRCH-ERR-DETAIL-WRITTEN.
 MOVE ZEROS TO WS-TOTAL-ERROR-LINES.

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ADD 1 TO WS-ERROR-PAGE-COUNT.
MOVE WS-ERROR-PAGE-COUNT TO ERR-PAGE-NUMBER.
MOVE SPACES TO ERROR-REPORT-LINE.
MOVE ERR-HEADING-1 TO ERROR-REPORT-LINE.
PERFORM D800-WRITE-ERROR-PAGE
THRU D800-WRITE-ERROR-PAGE-EXIT.
MOVE SPACES TO ERROR-REPORT-LINE.
MOVE . . TO CC-LINE
MOVE 1 TO ADVANCE-AMOUNT.
MOVE ERR-HEADING-2 TO ERROR-REPORT-LINE.
PERFORM D900-WRITE-ERROR-LINE
THRU D900-WRITE-ERROR-LINE-EXIT.
D100-ERROR-HEADINGS-EXIT.
EXIT.

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D200-CONSUMER-ERROR-LINE.
IF CF-STATUS = 'A'
  ADD 1 TO WS-STATUS-A-CNT
ELSE
  IF CF-STATUS = 'I'
    ADD 1 TO WS-STATUS-I-CNT
  ELSE
    IF CF-STATUS = 'F'
      ADD 1 TO WS-STATUS-F-CNT
    ELSE
      IF CF-STATUS = 'D'
        ADD 1 TO WS-STATUS-D-CNT
      ELSE
        IF CF-STATUS = 'P'
          ADD 1 TO WS-STATUS-P-CNT
        ELSE
          IF CF-STATUS = 'C'
            ADD 1 TO WS-STATUS-C-CNT.
          MOVE 'CONSUMER STATUS IS ' TO WS-ERR-MESSAGE-STATUS.
          MOVE CF-STATUS TO WS-ERR-STATUS.
          MOVE WS-MESSAGE-STATUS TO WS-ERR-MESSAGE.
        IF FIRST-ERROR-RECORD
          MOVE 'N' TO IS-FIRST-ERROR-RECORD
          PERFORM D100-ERROR-HEADINGS
          THRU D100-ERROR-HEADINGS
        ELSE
          IF WS-TOTAL-ERROR-LINES > 45
            AND
            CP-SSN NOT = WS-PREVIOUS-ERROR-SSN
            PERFORM D400-TOTAL-BREAK
            THRU D400-TOTAL-BREAK-EXIT
            PERFORM D100-ERROR-HEADINGS
            THRU D100-ERROR-HEADINGS-EXIT

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ELSE
  IF WS-TOTAL-ERROR-LINES > 45
    AND
    CP-SSN = WS-PREVIOUS-ERROR-SSN
    PERFORM D100-ERROR-HEADINGS
    THRU D100-ERROR-HEADINGS-EXIT
  ELSE
    IF CP-SSN NOT = WS-PREVIOUS-ERROR-SSN
      PERFORM D400-TOTAL-BREAK
      THRU D400-TOTAL-BREAK-EXIT.
    MOVE CP-SSN TO WS-PREVIOUS-ERROR-SSN.
    IF CONS-ERR-HEADING-NOT-WRITTEN
      PERFORM D210-CONSUMER-HEADINGS
      THRU D210-CONSUMER-HEADINGS-EXIT.
    IF CONS-ERR-DETAIL-NOT-WRITTEN
      PERFORM D220-CONSUMER-DETAIL
      THRU D220-CONSUMER-DETAIL-EXIT.
    MOVE SPACES TO ERROR-REPORT-LINE.
    MOVE ' ' TO CC-LINE.
    MOVE 1 TO ADVANCE-AMOUNT.
    MOVE WS-ERR-MESSAGE-LINE TO ERROR-REPORT-LINE.
    PERFORM D900-WRITE-ERROR-LINE
    THRU D900-WRITE-ERROR-LINE-EXIT.
    MOVE SPACES TO WS-ERR-MESSAGE.
    MOVE SPACE TO WS-ERR-STATUS.
  D200-CONSUMER-ERROR-LINE-EXIT.
  EXIT.

D210-CONSUMER-HEADINGS-EXIT.
  MOVE 'Y' TO ARE-CONS-ERR-HEADINGS-WRITTEN.
  MOVE SPACES TO ERROR-REPORT-LINE.
  MOVE ' ' TO CC-LINE.
  MOVE 3 TO ADVANCE-AMOUNT.
  MOVE ERR-HEADING-3 TO ERROR-REPORT-LINE.
  PERFORM D900-WRITE-ERROR-LINE
  THRU D900-WRITE-ERROR-LINE-EXIT.
  D210-CONSUMER-HEADINGS-EXIT.
  EXIT.

D220-CONSUMER-DETAIL.
  MOVE 'Y' TO ARE-CONS-ERR-DETAIL-WRITTEN.
  MOVE CP-SSN TO WS-77-SSN.
  MOVE WS-77-SSN TO WS-SSN-IN.
  MOVE WS-SSN-1ST3-IN TO WS-SSN-1ST3-OUT.

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001814
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001864

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03/13/91

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04/14/91
04/14/91
04/14/91

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MOVE WS-SSN-2ND2-IN TO WS-SSN-2ND2-OUT.
MOVE WS-SSN-LAST4-IN TO WS-SSN-LAST4-OUT.
MOVE WS-SSN-OUT TO ERR-SSN.
MOVE CF-LAST-NAME TO ERR-LAST-NAME.
MOVE CF-FIRST-NAME TO ERR-FIRST-NAME.
MOVE CF-MID-INIT TO ERR-MI.
MOVE WS-ERR-MESSAGE TO ERR-MESSAGE.
MOVE SPACES TO ERROR-REPORT-LINE.
MOVE ' ' TO CC-LINE
MOVE 1 TO ADVANCE-AMOUNT.
MOVE ERR-DETAIL-1 TO ERROR-REPORT-LINE.
PERFORM D900-WRITE-ERROR-LINE
THRU D900-WRITE-ERROR-LINE-EXIT.
D220-CONSUMER-DETAIL-EXIT.
EXIT.

D300-MERCHANT-ERROR-LINE.
IF FIRST-ERROR-RECORD
MOVE 'N' TO IS-FIRST-ERROR-RECORD
PERFORM D100-ERROR-HEADINGS
THRU D100-ERROR-HEADINGS
ELSE
IF WS-TOTAL-ERROR-LINES > 45
AND
CP-SSN NOT = WS-PREVIOUS-ERROR-SSN
AND
MRCH-ERR-DETAIL-NOT-WRITTEN
PERFORM D400-TOTAL-BREAK
THRU D400-TOTAL-BREAK-EXIT
PERFORM D100-ERROR-HEADINGS
THRU D100-ERROR-HEADINGS-EXIT
ELSE
IF WS-TOTAL-ERROR-LINES > 45
AND
CP-SSN = WS-PREVIOUS-ERROR-SSN
AND
MRCH-ERR-DETAIL-NOT-WRITTEN
PERFORM D100-ERROR-HEADINGS
THRU D100-ERROR-HEADINGS-EXIT
ELSE
IF CP-SSN NOT = WS-PREVIOUS-ERROR-SSN
PERFORM D400-TOTAL-BREAK
THRU D400-TOTAL-BREAK-EXIT.
MOVE CP-SSN TO WS-PREVIOUS-ERROR-SSN.
IF WS-TOTAL-ERROR-LINES > 55
PERFORM D100-ERROR-HEADINGS
THRU D100-ERROR-HEADINGS-EXIT.
IF CONS-ERR-HEADING-NOT-WRITTEN

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001865	04/14/91
001866	
001867	04/14/91
001868	04/14/91
001869	04/14/91
001870	04/14/91
001871	04/14/91
001872	04/14/91
001873	
001874	
001875	03/13/91
001876	
001877	
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001886	
001887	
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001891	
001892	
001893	03/13/91
001894	03/13/91
001895	
001896	
001897	
001898	
001899	
001900	
001901	
001902	
001903	03/13/91
001904	03/13/91
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001913	
001914	
001915	

PERFORM D210-CONSUMER-HEADINGS	001916	
THRU D210-CONSUMER-HEADINGS-EXIT.	001917	
IF CONS-ERR-DETAIL-NOT-WRITTEN	001918	
PERFORM D220-CONSUMER-DETAIL	001919	
THRU D220-CONSUMER-DETAIL-EXIT.	001920	
IF MRCH-ERR-HEADING-NOT-WRITTEN	001921	
PERFORM D310-MERCHANT-HEADINGS	001922	
THRU D310-MERCHANT-HEADINGS-EXIT.	001923	
IF MRCH-ERR-DETAIL-NOT-WRITTEN	001924	
PERFORM D320-MERCHANT-DETAIL	001925	04/14/91
THRU D320-MERCHANT-DETAIL-EXIT	001926	04/14/91
GO TO D300-MERCHANT-ERROR-LINE-EXIT.	001927	04/14/91
	001928	04/14/91
MOVE SPACES TO ERROR-REPORT-LINE.	001929	
MOVE ' ' TO CC-LINE.	001930	04/14/91
MOVE 1 TO ADVANCE-AMOUNT.	001931	
MOVE WS-ERR-MESSAGE-LINE TO ERROR-REPORT-LINE.	001932	
PERFORM D900-WRITE-ERROR-LINE	001933	
THRU D900-WRITE-ERROR-LINE-EXIT.	001934	
	001935	04/14/91
MOVE SPACES TO ERROR-REPORT-LINE.	001936	04/14/91
D300-MERCHANT-ERROR-LINE-EXIT.	001937	
EXIT.	001938	
	001939	
	001940	
	001941	
	001942	
	001943	
	001944	03/13/91
	001945	
	001946	
	001947	
	001948	
	001949	
	001950	
	001951	
	001952	
	001953	
	001954	
	001955	
D320-MERCHANT-DETAIL.		
MOVE 'Y' TO ARE-MRCH-ERR-DETAIL-WRITTEN.		
	001956	04/14/91
	001957	
	001958	
	001959	
	001960	
	001961	04/18/91
	001962	04/14/91
	001963	04/14/91
	001964	04/14/91
	001965	04/14/91
	001966	04/14/91

IF CP-PAY-TYPE = 'F' OR CP-PAY-TYPE = 'V'
 MOVE CP-PAY-TYPE TO ERR-PAYMENT-TYPE-1
 MOVE SPACES TO ERR-PAYMENT-TYPE-2
 ELSE
 MOVE 'V' TO ERR-PAYMENT-TYPE-1
 MOVE CP-PAY-TYPE TO ERR-PAYMENT-TYPE-2.

MOVE CP-MRCH-PAY-DATE TO WS-77-DATE.
 MOVE WS-77-DATE TO WS-DATE-YMD
 MOVE WS-V-YMD TO WS-Y-MDY-SLASHES
 MOVE WS-M-YMD TO WS-M-MDY-SLASHES
 MOVE WS-D-YMD TO WS-D-MDY-SLASHES
 MOVE WS-DATE-MDY-WITH-SLASHES TO ERR-PAY-DATE.

MOVE SPACES TO ERROR-REPORT-LINE.

MOVE ' ' TO CC-LINE

MOVE 1 TO ADVANCE-AMOUNT.
 MOVE ERR-DETAIL-2 TO ERROR-REPORT-LINE.

PERFORM D900-WRITE-ERROR-LINE
 THRU D900-WRITE-ERROR-LINE-EXIT.

ADD CP-MRCH-ANT TO WS-TOT-ERR-DOLLARS.
 ADD 1 TO WS-TOT-ERR-ITEMS.

D320-MERCHANT-DETAIL-EXIT.
 EXIT.

D400-TOTAL-BREAK.

ADD WS-TOT-ERR-DOLLARS TO WS-GND-TOT-ERR-DOLLARS.
 ADD WS-TOT-ERR-ITEMS TO WS-GND-TOT-ERR-ITEMS.

MOVE WS-TOT-ERR-ITEMS TO TOT-ERR-ITEMS.
 MOVE WS-TOT-ERR-DOLLARS TO TOT-ERR-DOLLARS.

MOVE SPACES TO ERROR-REPORT-LINE.
 MOVE '0' TO CC-LINE

MOVE 2 TO ADVANCE-AMOUNT.
 MOVE TOT-ERR-DETAIL TO ERROR-REPORT-LINE.

PERFORM D900-WRITE-ERROR-LINE
 THRU D900-WRITE-ERROR-LINE-EXIT.

MOVE SPACES TO ERROR-REPORT-LINE.
 MOVE '0' TO CC-LINE

MOVE 2 TO ADVANCE-AMOUNT.
 PERFORM D900-WRITE-ERROR-LINE
 THRU D900-WRITE-ERROR-LINE-EXIT.

MOVE ZEROS TO WS-TOT-ERR-ITEMS
 WS-TOT-ERR-DOLLARS.

D400-TOTAL-BREAK-EXIT.
 EXIT.

D800-WRITE-ERROR-PAGE.

MOVE 0 TO WS-TOTAL-ERROR-LINES.
 MOVE '1' TO CC-LINE.

001967	04/14/91
001968	04/14/91
001969	04/14/91
001970	04/14/91
001971	04/14/91
001972	04/14/91
001973	04/14/91
001974	04/14/91
001975	04/14/91
001976	04/14/91
001977	04/14/91
001978	04/14/91
001979	04/14/91
001980	04/14/91
001981	04/14/91
001982	04/14/91
001983	04/14/91
001984	04/14/91
001985	04/14/91
001986	04/14/91
001987	04/14/91
001988	04/14/91
001989	04/14/91
001990	04/14/91
001991	04/14/91
001992	04/14/91
001993	04/14/91
001994	04/14/91
001995	04/14/91
001996	04/14/91
001997	04/14/91
001998	04/14/91
001999	04/14/91
002000	04/14/91
002001	04/14/91
002002	04/14/91
002003	04/14/91
002004	04/14/91
002005	04/14/91
002006	04/14/91
002007	04/14/91
002008	04/14/91
002009	04/14/91
002010	04/14/91
002011	04/14/91
002012	04/14/91
002013	04/14/91
002014	04/14/91
002015	04/14/91
002016	04/14/91
002017	04/14/91

MOVE ERROR-REPORT-LINE TO JUNK-LINE.
MOVE MS-LAST-COMMIT-COUNT TO JUNK-COMMIT-KEY.
WRITE ERROR-REPORT-LINE FROM MS-PRINT-LINE
ADD 1 TO MS-TOTAL-ERROR-LINES.
D800-WRITE-ERROR-PAGE-EXIT.
EXIT.

D900-WRITE-ERROR-LINE.
MOVE ERROR-REPORT-LINE TO JUNK-LINE.
MOVE MS-LAST-COMMIT-COUNT TO JUNK-COMMIT-KEY.
WRITE ERROR-REPORT-LINE FROM MS-PRINT-LINE
ADD ADVANCE-AMOUNT TO MS-TOTAL-ERROR-LINES.
D900-WRITE-ERROR-LINE-EXIT.
EXIT.

***** THE FOLLOWING MODULES EXTRACT INFORMATION FROM THESE TWO FILE *****
* T001_CONSUMER_FILE AND PB.MERCHANT.MASTER.FILE *

E100-GET-CONSUMER-INFO.
MOVE 'SELECT FROM T001 IN PARAGRAPH E100.
TO STEP-DENOTER.
MOVE 'N' TO ARE-CONS-ERR-DETAIL-WRITTEN.
MOVE 'N' TO ARE-CONS-RO-DETAIL-WRITTEN.
EXEC SQL SELECT

CF_SSN,
CF_CHK_ID,
CF_LAST_NAME,
CF_FIRST_NAME,
CF_MID_INIT,
CF_ADDRESS1,
CF_ADDRESS2,
CF_CITY,
CF_STATE,
CF_ZIP,
CF_ZIP_4,
CF_ROUTE_TRANS,
CF_ACCT_NBR,
CF_PAPR_RT_TRANS,
CF_PAPR_ACCT_NBR,
CF_CCARD_NBR,
CF_CCARD_EXP_DATE,
CF_MAIDEN_NAME,
CF_DECLINE_STATUS,
CF_STATUS,
CF_VIP_STATUS,
CF_VIP_STATUS2,
CF_LAST_TRANS_DATE,

002018	03/13/91
002019	03/13/91
002020	10/31/90
002021	
002022	
002023	
002024	
002025	
002026	
002027	03/13/91
002028	03/13/91
002029	10/31/90
002030	
002031	
002032	
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002034	
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002036	
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002038	
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002050	
002051	
002052	
002053	
002054	
002055	
002056	
002057	
002058	
002059	04/20/91
002060	04/20/91
002061	
002062	
002063	
002064	
002065	
002066	
002067	02/10/91
002068	

CF_CREDIT_LIMIT,
CF_CHECK_LIMIT,
CF_CF_MTH_ITEMS,
CF_CF_MTH_BAL,
CF_CF_YTD_ITEMS,
CF_CF_YTD_BAL,
CF_TOT_MTH_ITEMS,
CF_TOT_MTH_BAL,
CF_TOT_YTD_ITEMS,
CF_TOT_YTD_BAL,
CF_FREE_FLAG,
CF_NBR_FREE,
CF_FEE_MATRIX,
CF_PRENOTE_DATE,
CF_EFT_CODE,
CF_BANK_NAME,
CF_CHECK_SAVE,
CF_RESET_PRENOTE

INTO

:CF-SSN,
:CF-CHK-ID,
:CF-LAST-NAME,
:CF-FIRST-NAME,
:CF-MID-INIT,
:CF-ADDRESS1,
:CF-ADDRESS2,
:CF-CITY,
:CF-STATE,
:CF-ZIP,
:CF-ZIP-4,
:CF-ROUTE-TRANS,
:CF-ACT-NBR,
:CF-PAPR-RT-TRANS,
:CF-PAPR-ACT-NBR,
:CF-CCARD-NBR,
:CF-CCARD-EXP-DATE,
:CF-MAIDEN-NAME,
:CF-DECLINE-STATUS,
:CF-STATUS,
:CF-VIP-STATUS,
:CF-VIP-STATUS2,
:CF-LAST-TRANS-DATE,
:CF-CREDIT-LIMIT,
:CF-CHECK-LIMIT,
:CF-CF-MTH-ITEMS,
:CF-CF-MTH-BAL,
:CF-CF-YTD-ITEMS,
:CF-CF-YTD-BAL,
:CF-TOT-MTH-ITEMS,
:CF-TOT-MTH-BAL,
:CF-TOT-YTD-ITEMS,
002069
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002100
002101
002102
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002105
002106
002107
002108
002109
002110
002111
002112
002113
002114
002115
002116
002117
002118
002119
04/20/91
04/20/91
02/10/91

PERFORM D200-CONSUMER-ERROR-LINE
THRU D200-CONSUMER-ERROR-LINE-EXIT.

IF CF-VIP-STATUS = 'N' AND
CF-VIP-STATUS2 = '14'

MOVE 'Y' TO PAY-BY-PHONE-SM

ELSE
MOVE 'N' TO PAY-BY-PHONE-SM.

E100-GET-CONSUMER-INFO-EXIT.
EXIT.

E200-GET-MERCHANT-INFO.

MOVE 'E200-GET-MERCHANT-INFO' TO STEP-DENOTER.

MOVE 'N' TO ARE-MRCH-ERR-DETAIL-WRITTEN.

MOVE CP-MRCH-PHONE TO WS-77-PHONE.

MOVE WS-77-PHONE TO MMR-PHONE.

MOVE CP-MRCH-CR-PHONE TO WS-77-CR-PHONE.

MOVE WS-77-CR-PHONE TO MMR-CR-PHONE.

READ MERCHANT-FILE.

IF MMR-STAT = '00'

NEXT SENTENCE

ELSE

MOVE 'Y' TO IS-RECORD-IN-ERROR

IF CONS-ERR-DETAIL-NOT-WRITTEN

MOVE ' ' TO WS-ERR-MESSAGE

PERFORM D200-CONSUMER-ERROR-LINE

THRU D200-CONSUMER-ERROR-LINE-EXIT

MOVE 'NOT ON MERCHANT FILE' TO ERR-MESSAGE-2,

WS-ERR-MESSAGE

PERFORM D300-MERCHANT-ERROR-LINE

THRU D300-MERCHANT-ERROR-LINE-EXIT

ELSE

MOVE 'NOT ON MERCHANT FILE' TO ERR-MESSAGE-2,

WS-ERR-MESSAGE

PERFORM D300-MERCHANT-ERROR-LINE

THRU D300-MERCHANT-ERROR-LINE-EXIT.

IF CONSUMER-IN-ERROR

MOVE 'Y'

TO IS-RECORD-IN-ERROR

MOVE 'CONSUMER RECORD IN ERROR' TO ERR-MESSAGE-2,

WS-ERR-MESSAGE

PERFORM D300-MERCHANT-ERROR-LINE

THRU D300-MERCHANT-ERROR-LINE-EXIT

MOVE 'CANNOT PROCESS THIS PAYMENT' TO ERR-MESSAGE-2,

WS-ERR-MESSAGE

PERFORM D300-MERCHANT-ERROR-LINE

THRU D300-MERCHANT-ERROR-LINE-EXIT.

002171	
002172	
002173	
002174	02/10/91
002175	02/10/91
002176	
002177	
002178	
002179	
002180	
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002182	
002183	
002184	
002185	
002186	
002187	
002188	
002189	
002190	
002191	
002192	
002193	
002194	03/13/91
002195	
002196	
002197	
002198	
002199	
002200	
002201	04/14/91
002202	
002203	04/14/91
002204	
002205	
002206	
002207	04/14/91
002208	04/14/91
002209	
002210	
002211	
002212	
002213	04/14/91
002214	04/14/91
002215	04/14/91
002216	
002217	
002218	04/14/91
002219	04/14/91
002220	
002221	


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ELSE
  IF MMR-ROUTE-SETTLE = '12'
    MOVE '03' TO MMR-ROUTE-SETTLE
  ELSE
    MOVE '01' TO MMR-ROUTE-SETTLE.

```

E300-CHECK-PRENOTE-EXIT.
EXIT.

```

***** THE FOLLOWING MODULE CHECKS FOR PAYMENT ROLLOVER AND MOVES *****
* THOSE VALUES TO PROPER FIELDS IN TABLE T002_CONSUMER_PAY *
*****

```

F100-ROLLOVER-ROUTINE.

```

* MOVE CURRENT VALUES FOR THESE FIELDS TO THE OUTPUT REPORT
* BEFORE THEY ARE ROLLED FORWARD.

```

```

MOVE CP-MRCH-AMT TO WS-77-AMOUNT.
MOVE WS-77-AMOUNT TO WS-77-HOLD-PAY-AMOUNT.
MOVE CP-MRCH-PAY-DATE TO WS-77-DATE.
MOVE WS-77-DATE TO WS-77-HOLD-PAY-DATE.
MOVE WS-77-DATE TO WS-DATE-YMD.
MOVE WS-M-YMD TO WS-M-HDY-SLASHES
MOVE WS-D-YMD TO WS-D-HDY-SLASHES
MOVE WS-Y-YMD TO WS-Y-HDY-SLASHES
MOVE WS-DATE-HDY-WITH-SLASHES TO RO-PAY-DATE.

```

```

MOVE ZEROS TO DATE-MMDYYYYY
MOVE ZEROS TO DATE-YYYYDDDD
MOVE ZEROS TO DATE-RED-1
MOVE ZEROS TO DATE-RED-2
MOVE ZEROS TO DATE-RED-3
MOVE ZEROS TO DATE-MMDYY

```

```

IF PAY-BY-PHONE
  MOVE CP-MRCH-AMT TO DRAFT-LAST-AMT
  MOVE CP-MRCH-PAY-DATE TO DRAFT-LAST-DATE.

```

```

***** ROLL PAYMENT DATE FORWARD.
IF (CP-NBR-REMAIN > 0

```

OR
CP-NBR-REMAIN = -1)

```

AND
CP-PAY-TYPE = 'F'
MOVE CP-MRCH-PAY-DATE TO WS-77-DATE
MOVE WS-77-DATE TO WS-DATE-YMD
MOVE WS-M-YMD TO HOLD-M-FFMMDDYY
MOVE WS-D-YMD TO HOLD-D-FFMMDDYY

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002273
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002303
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002308
002309
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002319
002320
002321
002322
002323

```


***** MOVE ROLLOVER VALUES TO DETAIL REPORT.
MOVE SPACES TO RO-EXTRA-PAYMENT.

F100-ROLLOVER-ROUTINE-EXIT.
EXIT.

```

*****
* IF THE SETTLEMENT CODE IS NOT ONE OF THE HARDCODED ONES,
* '01','02','03','10','11','12', THEN LOOK IN THE TABLE
* TO FIND IT. IF THE TABLE ENTRY IS FOUND, THEN THE
* STLCODE-IN-TABLE WILL BE TRUE AND THE INDEX WILL POINT TO
* THE PROPER ENTRY.
* NOTE: THE SEARCH LOOKS UNTIL END OF TABLE OR WE HAVE
* GONE BEYOND THE SETTLEMENT CODE WE ARE LOOKING FOR.
*****
F110-LOCATE-STLCODE-INDEX.
SET TFR-IDX TO 1.
PERFORM
UNTIL TFR-IDX GREATER THAN TRANFREE-TBL-ENTRIES
OR TFR-TBL-SC-CODE (TFR-IDX) EQUAL MM-R-ROUTE-SETTLE
OR TFR-TBL-SC-CODE (TFR-IDX) GREATER THAN MM-R-ROUTE-SETTLE
SET TFR-IDX UP BY 1
END-PERFORM.
IF TFR-IDX GREATER THAN TRANFREE-TBL-ENTRIES
MOVE 'N' TO STLCODE-IN-TABLE-SW
ELSE
IF TFR-TBL-SC-CODE (TFR-IDX) EQUAL MM-R-ROUTE-SETTLE
MOVE 'Y' TO STLCODE-IN-TABLE-SW
ELSE
MOVE 'N' TO STLCODE-IN-TABLE-SW.
F110-LOCATE-STLCODE-INDEX-EXIT.
EXIT.

```

```

*****
* THE FOLLOWING MODULE CHECKS CP-CHG-DATE TO SEE IF A DAY VALUE
* HAS BEEN STORED THERE BY PBLD0010. IF THERE, THE NUMBER IS
* THE CUSTOMER'S CHOSEN DRAFT DAY UNCORRUPTED BY ROLLING FROM
* MONTH TO MONTH.
*****
F115-CHECK-MONTH-END.
IF CP-PAY-FREQ = 'B' OR 'W'
NO CHANGES FOR WEEKLY TYPE PAYMENTS
GO TO F115-CHECK-MONTH-END-EXIT
END-IF

```

```

IF CP-CHG-DATE = 29 OR 30 OR 31
MOVE CP-CHG-DATE TO DATE-DD
MOVE DATE-MDDVVVY TO DATE-EOM
MOVE DATE-M-EOM TO DATE-M
MOVE DATE-D-EOM TO DATE-D

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002375	04/14/91
002376	
002377	
002378	
002379	
002380	
002381	05/25/91
002382	05/25/91
002383	05/25/91
002384	05/25/91
002385	05/25/91
002386	05/25/91
002387	05/25/91
002388	05/25/91
002389	05/25/91
002390	05/25/91
002391	05/25/91
002392	05/25/91
002393	05/25/91
002394	05/25/91
002395	05/25/91
002396	05/25/91
002397	05/25/91
002398	05/25/91
002399	05/25/91
002400	05/25/91
002401	05/25/91
002402	05/25/91
002403	05/25/91
002404	05/25/91
002405	05/25/91
002406	05/25/91
002407	
002408	
002409	
002410	
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002412	
002413	
002414	
002415	06/05/91
002416	06/05/91
002417	06/05/91
002418	06/05/91
002419	06/05/91
002420	06/05/91
002421	06/05/91
002422	
002423	
002424	
002425	

```

MOVE DATE-Y-EOM TO DATE-Y
PERFORM END-OF-MONTH THRU
END-OF-MONTH-EXIT
MOVE DATE-M TO DATE-M-EOM
MOVE DATE-D TO DATE-D-EOM
MOVE DATE-Y TO DATE-Y-EOM
MOVE DATE-EOM TO DATE-#DDDDYYV.
    
```

F115-CHECK-MONTH-END-EXIT.
EXIT.

```

*****
* THE FOLLOWING MODULE GETS THE CORRECT VALUES TO BE PASSED THE *
* DATE ROUTINES FOR FUTURE DATE CALCULATIONS. *
*****
    
```

F120-GET-ROLL-VALUES.

```

IF CP-PAY-FREQ = 'A'
  MOVE 'M' TO DATE-PERIOD
  MOVE 12 TO DATE-FREQ.
IF CP-PAY-FREQ = 'B'
  MOVE 'D' TO DATE-PERIOD
  MOVE 14 TO DATE-FREQ.
IF CP-PAY-FREQ = 'M'
  MOVE 'M' TO DATE-PERIOD
  MOVE 1 TO DATE-FREQ.
IF CP-PAY-FREQ = 'Q'
  MOVE 'M' TO DATE-PERIOD
  MOVE 3 TO DATE-FREQ.
IF CP-PAY-FREQ = 'S'
  MOVE 'M' TO DATE-PERIOD
  MOVE 6 TO DATE-FREQ.
IF CP-PAY-FREQ = 'T'
  MOVE 'M' TO DATE-PERIOD
  MOVE 4 TO DATE-FREQ.
IF CP-PAY-FREQ = 'W'
  MOVE 'D' TO DATE-PERIOD
  MOVE 7 TO DATE-FREQ.
F120-GET-ROLL-VALUES-EXIT.
EXIT.
    
```

```

*****
* THE FOLLOWING MODULES CREATE THE CREDIT AND DEBITS RECORDS *
* AND LOADS THEM INTO THE TRANHOLD. *
*****
    
```

```

G100-TRANHOLD-RECORD.
ADD WS-77-HOLD-PAY-AMOUNT TO CF-TOT-MTH-BAL,
CF-TOT-YTD-BAL,
IFR-COL-TOT-DOLLARS,
    
```

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002476

05/25/91

TFR-RNT-TOI-DOLLARS.
ADD 1 TO CF-TOI-MTH-ITEMS,
CF-TOI-YTD-ITEMS,
TFR-COL-TOI-ITEMS,
TFR-RNT-TOI-ITEMS.

EVALUATE TRUE
WHEN MWR-CREDIT-LIMIT NOT NUMERIC
MOVE 50.01 TO WS-CREDIT-LIMIT
WHEN MWR-CREDIT-LIMIT < 51
MOVE 50.01 TO WS-CREDIT-LIMIT
WHEN OTHER
COMPUTE WS-CREDIT-LIMIT = MWR-CREDIT-LIMIT + .01
END-EVALUATE

*** NOTES FOR THIS SECTION.
*** IF THE CF-STATUS IS A 'P' THEN THIS IS A PRENOTE ITEM
*** AND ANY NOTIFICATIONS CREATED FOR PRENOTES NEED TO BE
*** PAPER ITEMS.
*** IF THE CF-STATUS IS NOT A 'P' THEN IT MUST BE AN 'A'.
*** IN WHICH CASE THIS IS GOING TO BE A CONSUMER DEBIT.
*** ON CONSUMER DEBITS IF THE EFT CODE IS 'P' AND THE DEBIT
*** AMOUNT IS LESS THEN THE CHECK LIMIT AND THE DEBIT AMOUNT
*** PLUS THE CURRENT MONTH TO DATE BALANCE IS LESS THEN THE
*** CREDIT LIMIT THIS ITEM WILL BE PAID THRU CHECKFREE
*** VIA SETTLEMENT CHECK.
*** IF THE ITEM IS NOT WITHIN THESE LIMITS THEN THE ITEM
*** WILL BE PAID VIA PAPER CHECK PAYABLE THRU CONSUMER.
*** IF THE EFT CODE IS 'E' AND THE DEBIT AMOUNT IS LESS THEN THE
*** CHECK LIMIT AND THE DEBIT AMOUNT PLUS THE CURRENT MONTH TO
*** DATE BALANCE IS LESS THEN THE CREDIT LIMIT THIS ITEM
*** WILL BE PAID VIA ACH.
*** IF THE ITEM IS NOT WITHIN THESE LIMITS THEN THE ITEM
*** WILL BE PAID VIA PAPER CHECK PAYABLE THRU CONSUMER.

IF CF-STATUS = 'P'.
OR
(CF-RESET-PRENOTE > 0
AND
WS-77-HOLD-PAY-DATE < CF-RESET-PRENOTE)
PERFORM G130-PAPER-ITEMS
THRU G130-PAPER-ITEMS-EXIT
ELSE
IF THE EFT IS A 'P' CREATE A PAPER CHECK REGARDLESS OF
THE AMOUNT. THIS IS BEING DONE BECAUSE WE DON'T CURRENTLY
HAVE AN EXTRACT PROGRAM TO CREATE PAYABLE THRU CHECKFREE
CHECKS.
IF CF-EFT-CODE = 'P'.
PERFORM G130-PAPER-ITEMS
THRU G130-PAPER-ITEMS-EXIT

002477	05/25/91
002478	
002479	
002480	05/25/91
002481	05/25/91
002482	
002483	01/02/91
002484	01/02/91
002485	01/02/91
002486	01/02/91
002487	01/02/91
002488	01/02/91
002489	01/02/91
002490	01/02/91
002491	01/02/91
002492	
002493	
002494	
002495	
002496	
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002527	

```

ELSE
  IF CF-EFT-CODE = 'E' OR 'B'
    IF HMR-MC-ACCT-SCHEME-CHECK = 'Y' AND
      (CP-ACCT-SCHEME = 'R' OR
       CP-ACCT-SCHEME = 'N')
      PERFORM G130-PAPER-ITEMS
      THRU G130-PAPER-ITEMS-EXIT
    ELSE
      IF WS-77-HOLD-PAY-AMOUNT < WS-CREDIT-LIMIT AND
        CF-CHECK-LIMIT > ZEROS
        PERFORM G140-ACH-ITEMS
        THRU G140-ACH-ITEMS-EXIT
      ELSE
        IF WS-77-HOLD-PAY-AMOUNT < CF-CHECK-LIMIT
          OR = CF-CHECK-LIMIT
          ADD WS-77-HOLD-PAY-AMOUNT TO CF-CF-MTH-BAL
          IF CF-CF-MTH-BAL < CF-CREDIT-LIMIT
            OR = CF-CREDIT-LIMIT
            PERFORM G140-ACH-ITEMS
            THRU G140-ACH-ITEMS-EXIT
          ELSE
            SUBTRACT WS-77-HOLD-PAY-AMOUNT
              FROM CF-CF-MTH-BAL
            PERFORM G130-PAPER-ITEMS
            THRU G130-PAPER-ITEMS-EXIT
          ELSE
            PERFORM G130-PAPER-ITEMS
            THRU G130-PAPER-ITEMS-EXIT.
        MOVE 2 TO PDR-DB-CR-CODE.
        MOVE '2' TO PDR-STATUS.
        MOVE CP-MRCH-PHONE TO PDR-MRCH-PHONE.
        MOVE CP-MRCH-CR-PHONE TO PDR-MRCH-CR-PHONE.
        MOVE HMR-REMIT-ADDR1 TO PDR-MRCH-ADDR1.
        MOVE HMR-REMIT-ADDR2 TO PDR-MRCH-ADDR2.
        MOVE HMR-REMIT-CITY TO PDR-MRCH-CITY.
        MOVE HMR-REMIT-ST TO PDR-MRCH-STATE.
        MOVE HMR-REMIT-ZIP TO PDR-MRCH-ZIP.
        MOVE HMR-ROUTE-SETTLE TO PDR-CUST-SETTLE.
        MOVE CP-SSN TO PDR-CUST-SSN.
        MOVE CF-FIRST-NAME TO PDR-FIRST-NAME.
        MOVE CF-LAST-NAME TO PDR-LAST-NAME.
        MOVE CF-MID-INIT TO PDR-MID-INIT.
        MOVE CP-ACCT-NBR TO PDR-CUST-ACCT.
        PERFORM CHECK-EFT-CODE THRU CHECK-EXIT.
        MOVE CF-CHECK-SAVE TO PDR-CHECK-SAVE.
        MOVE WS-77-HOLD-PAY-DATE TO PDR-PROC-DATE.
        MOVE WS-77-HOLD-PAY-AMOUNT TO PDR-AMT.
        MOVE 'PAYMENT' TO PDR-DESCRIPTION.

```

002528
002529 04/20/91
002530 10/31/90
002531 10/31/90
002532 10/31/90
002533 10/31/90
002534 10/31/90
002535 10/31/90
002536 01/02/91
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002578

04/20/91
04/20/91

MOVE WS-TRACE-NBR TO WS-77-TRACE-NBR.
 MOVE WS-77-TRACE-NBR TO PDR-JUL-DATE.
 MOVE 'C' TO PDR-TRANFREE.
 MOVE SPACES TO PDR-ORIGIN.
 MOVE PDR-JUL-DATE TO TRACKING-JULIAN-DATE.
 PERFORM TRACKING-NBR-CALC
 THRU TRACKING-NBR-CALC-EXIT.
 MOVE TRACKING-NBR-ENC TO PDR-TRACK-NBR.

PERFORM G150-WRITE-HISTORY
 THRU G150-WRITE-HISTORY-EXIT.

PERFORM G900-WRITE-TRANHOLD
 THRU G900-WRITE-TRANHOLD-EXIT.
 IF RO-METHOD = 'A' OR 'C'.
 PERFORM G200-CREATE-MRCH-CREDIT
 THRU G200-CREATE-MRCH-CREDIT-EXIT
 ELSE
 GO TO G100-TRANHOLD-RECORD-EXIT.

G100-TRANHOLD-RECORD-EXIT.
 EXIT.

G120-CHECK-ITEMS.

 *** SETTLEMENT CHECK PAYABLE THRU CHECKFREE.

ADD 1 TO TFR-COL-CHK-ITEMS
 CF-CF-MTH-ITEMS
 CF-CF-YTD-ITEMS.
 ADD WS-77-HOLD-PAY-AMOUNT TO
 TFR-COL-CHK-DOLLARS
 CF-CF-YTD-BAL.
 MOVE MMH-ABRV TO PDR-MRCH-ABRV.

 * CHP-METH-PAY SHOULD BE SAME AS PDR-MRCH-SETTLE UNLESS
 * A PAPER DRAFT IS BEING CREATED, THEN IT SHOULD BE '99'.
 *

MOVE MMH-ROUTE-SETTLE TO CHP-METH-PAY.

MOVE 'P' TO PDR-MODIFIER.
 MOVE 'C' TO RO-METHOD.
 G120-CHECK-ITEMS-EXIT.
 EXIT.

G130-PAPER-ITEMS.

 *** PAPER CHECK PAYABLE THRU CONSUMER.
 *** ALSO KNOWN AS A PAPER DRAFT.

ADD 1 TO TFR-COL-PPR-ITEMS

002579	
002580	
002581	
002582	05/25/91
002583	05/25/91
002584	05/25/91
002585	05/25/91
002586	05/25/91
002587	03/13/91
002588	
002589	
002590	03/13/91
002591	
002592	
002593	
002594	
002595	
002596	
002597	
002598	
002599	
002600	
002601	
002602	
002603	
002604	
002605	
002606	05/25/91
002607	
002608	
002609	
002610	
002611	05/25/91
002612	
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002627	
002628	
002629	05/25/91

TFR-RMT-PPR-ITEMS.
ADD WS-77-HOLD-PAY-AMOUNT TO
TFR-COL-PPR-DOLLARS
TFR-RMT-PPR-DOLLARS.
MOVE MMH-ABRV TO PDR-MRCH-ABRV.

002630 05/25/91
002631
002632 05/25/91
002633 05/25/91
002634

* CHP-METH-PAY SHOULD BE SAME AS PDR-MRCH-SETTLE UNLESS
* A PAPER DRAFT IS BEING CREATED, THEN IT SHOULD BE '99'.
*
MOVE '99' TO CHP-METH-PAY.

002635
002636
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002639

MOVE 'F' TO PDR-MODIFIER.
MOVE 'P' TO RO-METHOD.
G130-PAPER-ITEMS-EXIT.

002640
002641
002642
002643
002644

EXIT.

002645
002646
002647
002648
002649

G140-ACH-ITEMS.

*** ACH PAYABLE THRU CHECKFREE.

ADD 1 TO TFR-COL-ACH-ITEMS
CF-CF-MTH-ITEMS
CF-CF-YTD-ITEMS.
ADD WS-77-HOLD-PAY-AMOUNT TO
TFR-COL-ACH-DOLLARS
CF-CF-YTD-BAL.

05/25/91
002650
002651
002652
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002654
002655
002656
002657
002658

MOVE CF-MRCH-NAME TO PDR-MRCH-ABRV.

*
* CHP-METH-PAY SHOULD BE SAME AS PDR-MRCH-SETTLE UNLESS
* A PAPER DRAFT IS BEING CREATED, THEN IT SHOULD BE '99'.
*
MOVE MMH-ROUTE-SETTLE TO CHP-METH-PAY.

MOVE 'A' TO RO-METHOD.
IF NIGHT-ACH
MOVE 'E' TO PDR-MODIFIER
ELSE
MOVE 'B' TO PDR-MODIFIER.
G140-ACH-ITEMS-EXIT.
EXIT.

002664
002665
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002672

* THIS MODULE WRITES A HISTORY RECORD OF WHO, WHAT, AND HOW
* MUCH WAS PAID FOR A CONSUMER IN THIS DRAFT PROGRAM.

002673
002674
002675
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002677
002678
002679
002680

G150-WRITE-HISTORY.
MOVE PDR-CUST-SSN TO CHP-SSN.

```

MOVE PDR-MRCH-PHONE TO CHP-CROSS-R-PHONE.
MOVE PDR-MRCH-CR-PHONE TO CHP-CCK-CR-PHONE.
MOVE PDR-LAST-NAME TO CHP-LAST-NAME.
MOVE PDR-FIRST-NAME TO CHP-FIRST-NAME.
MOVE PDR-MID-INIT TO CHP-MID-INIT.
MOVE PDR-MRCH-PHONE TO CHP-MRCH-PHONE.
MOVE PDR-MRCH-CR-PHONE TO CHP-MRCH-CR-PHONE.
MOVE PDR-NAME TO CHP-MRCH-NAME.
MOVE PDR-ANT TO CHP-MRCH-ANT.
MOVE PDR-PROC-DATE TO CHP-PAY-DATE.
MOVE PDR-CUST-ACCT TO CHP-ACCT-NBR.
MOVE PDR-JUL-DATE TO CHP-JUL-DATE
MOVE ZEROS TO CHP-CHECK-NBR
      CHP-RTN-DATE.
MOVE SPACES TO CHP-RTN-REASON
      CHP-RTN-STATUS
      CHP-RTN-COMMENT.
MOVE CP-LAST-TRANS-DATE TO CHP-LST-TRANS-DATE.
MOVE PDR-TRACK-NBR TO CHP-TRACK-NBR.
MOVE 'INSERT INTO T006 IN PARAGRAPH 6150.
TO STEP-DENOTER.

```

```

EXEC SQL INSERT
INTO T006_CONS_HIST_PAY

```

```

(CHP_SSN,
  CHP_CROSS_R_PHONE,
  CHP_CCK_CR_PHONE,
  CHP_LAST_NAME,
  CHP_FIRST_NAME,
  CHP_MID_INIT,
  CHP_MRCH_PHONE,
  CHP_MRCH_CR_PHONE,
  CHP_MRCH_NAME,
  CHP_MRCH_ANT,
  CHP_PAY_DATE,
  CHP_METH_PAY,
  CHP_ACCT_NBR,
  CHP_JUL_DATE,
  CHP_CHECK_NBR,
  CHP_RTN_DATE,
  CHP_RTN_REASON,
  CHP_RTN_STATUS,
  CHP_RTN_COMMENT,
  CHP_LST_TRANS_DATE,
  CHP_TRACK_NBR)

```

VALUES

```

(:CHP_SSN,
:CHP-CROSS-R-PHONE,
:CHP-CCK-CR-PHONE,
:CHP-LAST-NAME,
:CHP-FIRST-NAME,

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002724	05/25/91
002725	05/25/91
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002731	

05/25/91

```

:CHP-MID-INIT,
:CHP-MRCH-PHONE,
:CHP-MRCH-CR-PHONE,
:CHP-MRCH-NAME,
:CHP-MRCH-AMT,
:CHP-PAY-DATE,
:CHP-METH-PAY,
:CHP-ACCT-NBR,
:CHP-JAL-DATE,
:CHP-CHECK-NBR,
:CHP-RTN-DATE,
:CHP-RTN-REASON,
:CHP-RTN-STATUS,
:CHP-RTN-COMMENT,
:CHP-LST-TRANS-DATE,
:CHP-TRACK-NBR)

END-EXEC.
6150-WRITE-HISTORY-EXIT.
EXIT.

```

```

6200-CREATE-MRCH-CREDIT.
MOVE 1 TO PDR-DB-CR-CODE.
MOVE '1' TO PDR-STATUS
IF MM-R-ROUTE-SETILE = '01' OR '02' OR '03'
MOVE 'S' TO PDR-MODIFIER
MOVE MM-R-NAME TO PDR-MRCH-ABRV
PERFORM CHECK-EFT-CODE THRU CHECK-EXIT
ADD 1 TO
TFR-RMT-CHK-ITEMS
ADD WS-77-HOLD-PAY-AMOUNT TO
TFR-RMT-CHK-DOLLARS
MOVE '9500000000' TO PDR-COMPANY-NBR
ELSE
MOVE MM-R-MC-MERCHANT-ID TO PDR-COMPANY-NBR
MOVE MM-R-ABRV TO PDR-MRCH-ABRV
MOVE MM-R-BANK-ACCT TO PDR-ACCT-NBR
MOVE MM-R-RT-NBR TO PDR-ROUTE-TRANS
IF STLCODE-IN-TABLE
IF MM-R-ROUTE-SETILE = '13'
MOVE 'M' TO PDR-MODIFIER
ADD 1 TO
TFR-TBL-SC-ITEMS (TFR-IDX)
ADD WS-77-HOLD-PAY-AMOUNT TO
TFR-TBL-SC-DOLLARS (TFR-IDX)
ELSE
MOVE 'R' TO PDR-MODIFIER
ADD 1 TO
TFR-TBL-SC-ITEMS (TFR-IDX)
ADD WS-77-HOLD-PAY-AMOUNT TO
TFR-TBL-SC-DOLLARS (TFR-IDX)

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```

END-IF
ELSE
  ADD 1 TO
    TFR-RMT-ACH-ITEMS
  ADD WS-77-HOLD-PAY-AMOUNT TO
    TFR-RMT-ACH-DOLLARS
  IF NIGHT-ACH
    MOVE 'E' TO PDR-MODIFIER
  ELSE
    MOVE 'B' TO PDR-MODIFIER
  END-IF
END-IF
END-IF.

```

```

MOVE CP-HRCH-PHONE TO PDR-HRCH-PHONE
MOVE CP-HRCH-CR-PHONE TO PDR-HRCH-CR-PHONE
MOVE HMR-REMIT-ADDR1 TO PDR-HRCH-ADDR1
MOVE HMR-REMIT-ADDR2 TO PDR-HRCH-ADDR2
MOVE HMR-REMIT-CITY TO PDR-HRCH-CITY
MOVE HMR-REMIT-ST TO PDR-HRCH-STATE
MOVE HMR-REMIT-ZIP TO PDR-HRCH-ZIP
MOVE HMR-ROUTE-SETTLE TO PDR-HRCH-SETTLE
MOVE CP-SSN TO PDR-CUST-SSN
MOVE CF-FIRST-NAME TO PDR-FIRST-NAME
MOVE CF-LAST-NAME TO PDR-LAST-NAME
MOVE CF-MID-INIT TO PDR-MID-INIT
MOVE CP-ACCT-NBR TO PDR-CUST-ACCT
MOVE 'C' TO PDR-CHECK-SAVE
MOVE WS-77-HOLD-PAY-DATE TO PDR-PROC-DATE
MOVE WS-77-HOLD-PAY-AMOUNT TO PDR-AMT
MOVE 'PAYMENT' TO PDR-DESCRIPTION
MOVE WS-TRACE-NBR TO WS-77-TRACE-NBR.
MOVE WS-77-TRACE-NBR TO PDR-JUL-DATE.
MOVE 'H' TO PDR-TRANFREF.
MOVE PDR-JUL-DATE TO TRACKING-JULIAN-DATE.
PERFORM TRACKING-NBR-CALC
THRU TRACKING-NBR-CALC-EXIT.
MOVE TRACKING-NBR-ENC TO PDR-TRACK-NBR.
MOVE SPACES TO PDR-ORIGIN.
PERFORM G900-WRITE-TRANHOLD
THRU G900-WRITE-TRANHOLD-EXIT.
G200-CREATE-HRCH-CREDIT-EXIT.
EXIT.

```

```

G900-WRITE-TRANHOLD.
MOVE WS-LAST-COMMIT-COUNT TO PB-DRAFT-COMMIT-KEY
WRITE PB-DRAFT-RECORD.
G900-WRITE-TRANHOLD-EXIT.
EXIT.

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002783	05/25/91
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002786	05/25/91
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002788	05/25/91
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002791	05/25/91
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002793	05/25/91
002794	05/25/91
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002816	
002817	05/25/91
002818	05/25/91
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002821	05/25/91
002822	05/25/91
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002829	03/13/91
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002833	

 * THE FOLLOWING MODULE UPDATES T001_CONSUMER_FILE AND
 * T002_CONSUMER_PAY WITH NEW PAYMENT INFORMATION AND
 * PROCESSING TOTAL INFORMATION.

H100-UPDATE-TABLES.

MOVE 'UPDATE OF T002 IN PARAGRAPH H100.
 TO STEP-DENOTER.

IF CP-PAY-TYPE EQUAL 'F' OR
 CP-PAY-TYPE EQUAL 'V'

IF NOT TEST-PCN

EXEC SQL UPDATE T002_CONSUMER_PAY

SET CP_MRCH_AMT =: CP_MRCH-AMT,
 CP_MRCH_PAY_DATE =: CP_MRCH-PAY-DATE,
 CP_NBR_REMAIN =: CP_NBR-REMAIN,
 CP_CHG_DATE =: CP-CHG-DATE,
 CP_CHG_AMT =: CP-CHG-AMT,
 WHERE CP_SSN =: CP-SSN

AND

CP_CHK_PHONE =: CP-CHK-PHONE

AND

CP_CHK_CR_PHONE =: CP-CHK-CR-PHONE

AND

CP_MRCH_PHONE =: CP-MRCH-PHONE

AND

CP_MRCH_CR_PHONE =: CP-MRCH-CR-PHONE

AND

CP_PAY_TYPE =: CP-PAY-TYPE

END-EXEC

END-IF

ELSE

MOVE CP-PAY-TYPE TO MS-DEL-PAY-TYPE

MOVE MS-DELETED-DATE TO RO-EXTRA-PAYMENT

MOVE 'DELETE FROM T002 IN PARAGRAPH H100.

TO STEP-DENOTER

IF NOT TEST-PCN

EXEC SQL DELETE FROM T002_CONSUMER_PAY

WHERE CP_SSN =: CP-SSN

AND

CP_CHK_PHONE =: CP-CHK-PHONE

AND

CP_CHK_CR_PHONE =: CP-CHK-CR-PHONE

AND

002834	
002835	
002836	
002837	
002838	
002839	
002840	
002841	
002842	
002843	
002844	
002845	03/13/91
002846	
002847	
002848	
002849	
002850	05/25/91
002851	
002852	
002853	
002854	
002855	
002856	
002857	
002858	
002859	
002860	
002861	
002862	
002863	
002864	
002865	
002866	
002867	
002868	
002869	
002870	
002871	
002872	
002873	04/14/91
002874	
002875	
002876	
002877	
002878	05/25/91
002879	
002880	
002881	
002882	
002883	
002884	

```

CP_MRCH_PHONE      =:  CP_MRCH_PHONE
AND
CP_MRCH_CR_PHONE   =:  CP_MRCH_CR_PHONE
AND
CP_PAY_TYPE        =:  CP_PAY_TYPE
AND
CP_ACCT_NBR         =:  CP_ACCT_NBR
END-EXEC
END-IF.

```

MOVE 'UPDATE OF T001 IN PARAGRAPH H100.
TO STEP-DENOTER.

```

IF NOT TEST-PGM
EXEC SQL UPDATE T001_CONSUMER_FILE
SET CF_CF_MTH_ITEMS =:  CF_CF_MTH_ITEMS,
CF_CF_MTH_BAL =:  CF_CF_MTH_BAL,
CF_CF_YTD_ITEMS =:  CF_CF_YTD_ITEMS,
CF_CF_YTD_BAL =:  CF_CF_YTD_BAL,
CF_TOT_MTH_ITEMS =:  CF_TOT_MTH_ITEMS,
CF_TOT_MTH_BAL =:  CF_TOT_MTH_BAL,
CF_TOT_YTD_ITEMS =:  CF_TOT_YTD_ITEMS,
CF_TOT_YTD_BAL =:  CF_TOT_YTD_BAL
WHERE CF_SSN =:  CF_SSN
AND
CF_CHK_ID =:  CF_CHK_ID
END-EXEC
END-IF.
H100-UPDATE-TABLES-EXIT.
EXIT.

```

```

*****
***** THE FOLLOWING MODULES PRODUCE THE CHECKFREE CREDIT OFFSETS *****
***** FOR EACH DATE IN THE INTERNAL PAYMENT TABLE THAT HAS ACH *****
***** ITEMS. *****
*****

```

I100-CREDIT-OFFSETS.

```

MOVE ZERO TO ACH-OFFSET-DOLLARS.
ADD TFR-RMT-ACH-DOLLARS TO ACH-OFFSET-DOLLARS.
ADD TFR-RMT-CHK-DOLLARS TO ACH-OFFSET-DOLLARS.
SET TFR-IDX TO 1.
PERFORM
  VARYING TFR-IDX FROM 1 BY 1
  UNTIL TFR-IDX GREATER THAN TRANFREE-TBL-ENTRIES
  ADD TFR-TBL-SC-DOLLARS (TFR-IDX) TO ACH-OFFSET-DOLLARS
END-PERFORM.
IF ACH-OFFSET-DOLLARS GREATER THAN ZERO
  NEXT SENTENCE
ELSE

```

002885	
002886	
002887	
002888	
002889	
002890	
002891	
002892	05/25/91
002893	05/25/91
002894	
002895	
002896	
002897	
002898	
002899	05/25/91
002900	
002901	
002902	
002903	
002904	
002905	
002906	
002907	
002908	
002909	
002910	
002911	05/25/91
002912	05/25/91
002913	
002914	
002915	
002916	
002917	
002918	
002919	
002920	
002921	
002922	
002923	
002924	05/25/91
002925	05/25/91
002926	05/25/91
002927	05/25/91
002928	05/25/91
002929	05/25/91
002930	05/25/91
002931	05/25/91
002932	05/25/91
002933	05/25/91
002934	05/25/91
002935	

GO TO I100-CREDIT-OFFSETS-EXIT.

MOVE 1	TO	PDR-DB-CR-CODE.	002936	05/25/91
MOVE '1'	TO	PDR-STATUS.	002937	05/25/91
IF NIGHT-ACH			002938	
MOVE 'E'	TO	PDR-MODIFIER	002939	
ELSE			002940	
MOVE 'B'	TO	PDR-MODIFIER.	002941	
MOVE 6146986000	TO	PDR-MRCH-PHONE.	002942	
MOVE 001	TO	PDR-MRCH-CR-PHONE.	002943	
MOVE 'CHECKFREE TECH.'	TO	PDR-MRCH-ABRV.	002944	
MOVE '720 GREENCREST'	TO	PDR-MRCH-ADDR1.	002945	
MOVE SPACES	TO	PDR-MRCH-ADDR2.	002946	
MOVE 'WESTERVILLE'	TO	PDR-MRCH-CITY.	002947	
MOVE 'OH'	TO	PDR-MRCH-STATE.	002948	
MOVE 430810000	TO	PDR-MRCH-ZIP.	002949	
MOVE '14'	TO	PDR-MRCH-SETTLE.	002950	
MOVE ZEROS	TO	PDR-CUST-SSN.	002951	
MOVE 'CHECKFREE'	TO	PDR-FIRST-NAME.	002952	
MOVE 'CREDIT'	TO	PDR-LAST-NAME.	002953	
MOVE SPACE	TO	PDR-MID-INIT.	002954	
MOVE ZEROS	TO	PDR-CUST-ACCT.	002955	
MOVE 044000037	TO	PDR-ROUTE-TRANS.	002956	
MOVE '10-72049'	TO	PDR-ACCT-NBR.	002957	
MOVE 'C'	TO	PDR-PROC-DATE.	002958	
MOVE SQL-DRAFT-DATE	TO	PDR-CHECK-SAVE.	002959	
MOVE ACH-OFFSET-DOLLARS	TO	PDR-AMT.	002960	
MOVE 'CHK CREDIT'	TO	PDR-DESCRIPTION.	002961	05/25/91
MOVE '1357368475'	TO	PDR-COMPANY-NBR.	002962	05/25/91
MOVE WS-TRACE-NBR	TO	WS-77-TRACE-NBR.	002963	
MOVE WS-77-TRACE-NBR	TO	PDR-JUL-DATE.	002964	
MOVE 'N'	TO	PDR-TRANFEE.	002965	
MOVE PDR-JUL-DATE	TO	TRACKING-JULIAN-DATE.	002966	
PERFORM TRACKING-NBR-CALC			002967	
THRU TRACKING-NBR-CALC-EXIT.			002968	05/25/91
MOVE TRACKING-NBR-ENC	TO	PDR-TRACK-NBR.	002969	05/25/91
MOVE SPACES	TO	PDR-ORIGIN.	002970	05/25/91
PERFORM 6900-WRITE-TRANHOLD			002971	05/25/91
THRU 6900-WRITE-TRANHOLD-EXIT.			002972	
I100-CREDIT-OFFSETS-EXIT.			002973	
EXIT.			002974	
			002975	05/25/91
			002976	
			002977	
			002978	
			002979	
			002980	
			002981	
			002982	
			002983	
			002984	
			002985	
			002986	

***** THE FOLLOWING MODULES CREATE THE SUMMARY REPORTS. *****

J200-WRITE-GRAND-SUMMARY.
 MOVE 'OVERALL' TO SUM-DRAFT-DATE.
 ADD 1 TO WS-SUMMARY-PAGE-COUNT.
 MOVE WS-SUMMARY-PAGE-COUNT TO SUM-PAGE-NUMBER.

MOVE SPACES TO SUMMARY-REPORT-LINE.	002987	
MOVE SUM-HEADING-1 TO SUMMARY-REPORT-LINE.	002988	
MOVE ' ' TO CC-LINE	002989	03/13/91
MOVE 0 TO ADVANCE-AMOUNT	002990	
PERFORM J800-WRITE-SUM-PAGE	002991	
THRU J800-WRITE-SUM-PAGE-EXIT.	002992	
MOVE SPACES TO SUMMARY-REPORT-LINE.	002993	
MOVE SUM-HEADING-2 TO SUMMARY-REPORT-LINE.	002994	
MOVE ' ' TO CC-LINE	002995	03/13/91
MOVE 1 TO ADVANCE-AMOUNT	002996	
PERFORM J900-WRITE-SUM-LINE	002997	
THRU J900-WRITE-SUM-LINE-EXIT.	002998	
MOVE SPACES TO SUMMARY-REPORT-LINE.	002999	
MOVE SUM-HEADING-3 TO SUMMARY-REPORT-LINE.	003000	
MOVE ' ' TO CC-LINE	003001	03/13/91
MOVE 1 TO ADVANCE-AMOUNT	003002	
PERFORM J900-WRITE-SUM-LINE	003003	
THRU J900-WRITE-SUM-LINE-EXIT.	003004	
MOVE SPACES TO SUMMARY-REPORT-LINE.	003005	
MOVE SUM-HEADING-4 TO SUMMARY-REPORT-LINE.	003006	
MOVE '0' TO CC-LINE	003007	03/13/91
MOVE 2 TO ADVANCE-AMOUNT	003008	
PERFORM J900-WRITE-SUM-LINE	003009	
THRU J900-WRITE-SUM-LINE-EXIT.	003010	
	003011	
* WRITE PAPER ITEMS LINE		
MOVE SPACES	003012	05/25/91
MOVE 'PAPER'	003013	05/25/91
MOVE 'COLLECTIONS'	003014	05/25/91
MOVE 'FOR'	003015	05/25/91
MOVE TFR-COL-PPR-ITEMS	003016	05/25/91
MOVE TFR-COL-PPR-DOLLARS	003017	05/25/91
MOVE 'PAPER'	003018	05/25/91
MOVE 'REMITTANCES'	003019	05/25/91
MOVE 'FOR'	003020	05/25/91
MOVE TFR-RMT-PPR-ITEMS	003021	05/25/91
MOVE TFR-RMT-PPR-DOLLARS	003022	05/25/91
MOVE TFR-RMT-PPR-DOLLARS	003023	05/25/91
MOVE SUM-DETAIL	003024	05/25/91
MOVE '0'	003025	05/25/91
MOVE 2	003026	05/25/91
PERFORM J900-WRITE-SUM-LINE	003027	
THRU J900-WRITE-SUM-LINE-EXIT.	003028	
	003029	
* WRITE CHECK ITEMS LINE		
MOVE SPACES	003030	05/25/91
MOVE 'CHECK'	003031	05/25/91
MOVE 'COLLECTIONS'	003032	05/25/91
MOVE 'FOR'	003033	05/25/91
MOVE TFR-COL-CHK-ITEMS	003034	05/25/91
MOVE TFR-COL-CHK-DOLLARS	003035	05/25/91
MOVE 'CHECK'	003036	05/25/91
	003037	05/25/91


```

MOVE 'REMITTANCES' TO SUM-RMT-RMT-LIT.
MOVE 'FOR' TO SUM-RMT-FOR-LIT.
MOVE TFR-RMT-CHK-ITEMS TO SUM-RMT-ITEMS.
MOVE TFR-RMT-CHK-DOLLARS TO SUM-RMT-DOLLARS.
MOVE SUM-DETAIL TO SUMMARY-REPORT-LINE.
MOVE '0' TO CC-LINE.
MOVE 2 TO ADVANCE-AMOUNT.
PERFORM J900-WRITE-SUM-LINE
THRU J900-WRITE-SUM-LINE-EXIT.

```

```

* WRITE ACH ITEMS LINE
MOVE SPACES TO SUM-DETAIL.
MOVE 'ACH' TO SUM-COL-TYPE-LIT.
MOVE 'COLLECTIONS' TO SUM-COL-COL-LIT.
MOVE 'FOR' TO SUM-COL-FOR-LIT.
MOVE TFR-COL-ACH-ITEMS TO SUM-COL-ITEMS.
MOVE TFR-COL-ACH-DOLLARS TO SUM-COL-DOLLARS.
MOVE 'ACH' TO SUM-RMT-TYPE-LIT.
MOVE 'REMITTANCES' TO SUM-RMT-RMT-LIT.
MOVE 'FOR' TO SUM-RMT-FOR-LIT.
MOVE TFR-RMT-ACH-ITEMS TO SUM-RMT-ITEMS.
MOVE TFR-RMT-ACH-DOLLARS TO SUM-RMT-DOLLARS.
MOVE SUM-DETAIL TO SUMMARY-REPORT-LINE.
MOVE '0' TO CC-LINE.
MOVE 2 TO ADVANCE-AMOUNT.
PERFORM J900-WRITE-SUM-LINE
THRU J900-WRITE-SUM-LINE-EXIT.

```

```

* START COLLECTIONS TOTAL LINE
MOVE SPACES TO SUM-DETAIL.
MOVE 'TOTAL' TO SUM-COL-TYPE-LIT.
MOVE 'COLLECTIONS' TO SUM-COL-COL-LIT.
MOVE 'FOR' TO SUM-COL-FOR-LIT.
MOVE TFR-COL-TOT-ITEMS TO SUM-COL-ITEMS.
MOVE TFR-COL-TOT-DOLLARS TO SUM-COL-DOLLARS.
SET TFR-IDX TO 1.
PERFORM J300-WRITE-STLCODE-SUM
THRU J300-WRITE-STLCODE-SUM-EXIT
VARYING TFR-IDX FROM 1 BY 1
UNTIL TFR-IDX GREATER THAN TRANSFER-TBL-ENTRIES.
MOVE 'TOTAL' TO SUM-RMT-TYPE-LIT.
MOVE 'REMITTANCES' TO SUM-RMT-RMT-LIT.
MOVE 'FOR' TO SUM-RMT-FOR-LIT.
MOVE TFR-RMT-TOT-ITEMS TO SUM-RMT-ITEMS.
MOVE TFR-RMT-TOT-DOLLARS TO SUM-RMT-DOLLARS.
MOVE SUM-DETAIL TO SUMMARY-REPORT-LINE.
MOVE '0' TO CC-LINE.
MOVE 2 TO ADVANCE-AMOUNT.
PERFORM J900-WRITE-SUM-LINE
THRU J900-WRITE-SUM-LINE-EXIT.
J200-WRITE-GRAND-SUMMARY-EXIT.

```

003038	05/25/91
003039	05/25/91
003040	05/25/91
003041	05/25/91
003042	05/25/91
003043	05/25/91
003044	05/25/91
003045	
003046	
003047	
003048	05/25/91
003049	05/25/91
003050	05/25/91
003051	05/25/91
003052	05/25/91
003053	05/25/91
003054	05/25/91
003055	05/25/91
003056	05/25/91
003057	05/25/91
003058	05/25/91
003059	05/25/91
003060	05/25/91
003061	05/25/91
003062	05/25/91
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003066	05/25/91
003067	05/25/91
003068	05/25/91
003069	05/25/91
003070	05/25/91
003071	05/25/91
003072	05/25/91
003073	05/25/91
003074	05/25/91
003075	05/25/91
003076	05/25/91
003077	05/25/91
003078	05/25/91
003079	05/25/91
003080	05/25/91
003081	05/25/91
003082	05/25/91
003083	05/25/91
003084	05/25/91
003085	05/25/91
003086	
003087	
003088	

EXIT.

J300-WRITE-STLCODE-SUM.
* WRITE ACH ITEMS LINE

MOVE TFR-TBL-SC-CODE (TFR-IDX)

TO WS-SC-CODE.

MOVE WS-SC-LIT TO SUM-RMT-TYPE-LIT.

MOVE 'REMITTANCES' TO SUM-RMT-RMT-LIT.

MOVE 'FOR' TO SUM-RMT-FOR-LIT.

MOVE TFR-TBL-SC-ITEMS (TFR-IDX) TO SUM-RMT-ITEMS.

MOVE TFR-TBL-SC-DOLLARS (TFR-IDX) TO SUM-RMT-DOLLARS.

MOVE SUM-DETAIL TO SUMMARY-REPORT-LINE.

MOVE '0' TO CC-LINE.

MOVE 2 TO ADVANCE-AMOUNT.

PERFORM J900-WRITE-SUM-LINE

THRU J900-WRITE-SUM-LINE-EXIT.

MOVE SPACES TO SUM-DETAIL.

J300-WRITE-STLCODE-SUM-EXIT.

EXIT.

J800-WRITE-SUM-PAGE.

MOVE '1' TO CC-LINE.

MOVE SUMMARY-REPORT-LINE TO JUNK-LINE.

MOVE WS-LAST-COMMIT-COUNT TO JUNK-COMMIT-KEY.

WRITE SUMMARY-REPORT-LINE FROM WS-PRINT-LINE.

J800-WRITE-SUM-PAGE-EXIT.

EXIT.

J900-WRITE-SUM-LINE.

MOVE SUMMARY-REPORT-LINE TO JUNK-LINE.

MOVE WS-LAST-COMMIT-COUNT TO JUNK-COMMIT-KEY.

WRITE SUMMARY-REPORT-LINE FROM WS-PRINT-LINE.

J900-WRITE-SUM-LINE-EXIT.

EXIT.

K100-DRAFTITEM-RECORD.

* CREATES THE DRAFTED ITEMS FILE FOR PAY-BY-PHONE CONSUMERS. *

MOVE '020' TO DRAFT-TRANS-TYPE.

MOVE '1' TO DRAFT-CHECK-DIGIT.

MOVE CP-SSN TO DRAFT-SSN.

MOVE CP-CHECK-CR-PHONE TO DRAFT-MRCH-XREF.

MOVE CP-CHECK-PHONE TO DRAFT-MRCH-PHONE.

MOVE CP-CAT-NBR TO DRAFT-MRCH-CAT.

MOVE CP-MNEMONIC TO DRAFT-MRCH-MNEMONIC.

MOVE CP-PAY-FREQ TO DRAFT-PAY-FREQ.

MOVE CP-STATUS TO DRAFT-PAY-STATUS.

003089	
003090	05/25/91
003091	05/25/91
003092	05/25/91
003093	05/25/91
003094	05/25/91
003095	05/25/91
003096	05/25/91
003097	05/25/91
003098	05/25/91
003099	05/25/91
003100	05/25/91
003101	05/25/91
003102	05/25/91
003103	05/25/91
003104	05/25/91
003105	05/25/91
003106	05/25/91
003107	05/25/91
003108	05/25/91
003109	05/25/91
003110	
003111	
003112	03/13/91
003113	03/13/91
003114	03/13/91
003115	03/13/91
003116	
003117	
003118	
003119	
003120	03/13/91
003121	03/13/91
003122	03/13/91
003123	
003124	
003125	
003126	
003127	
003128	
003129	
003130	
003131	
003132	
003133	
003134	
003135	
003136	
003137	
003138	
003139	

```

MOVE CP-LAST-TRANS-DATE TO DRAFT-LAST-TRANS-DATE.
IF CP-NBR-REMAIN NEGATIVE
  MOVE 999          TO DRAFT-NO-PHNTS-REMAIN
ELSE
  MOVE CP-NBR-REMAIN  TO DRAFT-NO-PHNTS-REMAIN.
MOVE CP-MRCH-NAME    TO DRAFT-MRCH-NAME.

IF CP-PAY-TYPE = 'F'
  MOVE ZEROS TO DRAFT-PAY-AMT-LST-CHG
  MOVE ZEROS TO DRAFT-PAY-DATE-LST-CHG
ELSE
  IF (CP-PAY-TYPE = 'V' OR
      CP-PAY-TYPE NUMERIC)
    MOVE CP-PAY-DATE      TO DRAFT-NEW-DATE
    MOVE CP-CHG-DATE      TO DRAFT-NEW-DATE
    MOVE CP-CHG-AMT       TO DRAFT-NEW-AMT
    IF (CP-MRCH-AMT > 0 AND
        CP-MRCH-PAY-DATE > 0)
      MOVE CP-MRCH-AMT TO DRAFT-PAY-AMT-LST-CHG
      MOVE CP-MRCH-PAY-DATE TO DRAFT-PAY-DATE-LST-CHG
    ELSE
      MOVE ZEROS TO DRAFT-PAY-AMT-LST-CHG
      MOVE ZEROS TO DRAFT-PAY-DATE-LST-CHG.
  IF CP-PAY-TYPE = 'F' OR 'V'
    MOVE CP-PAY-TYPE    TO DRAFT-PAY-TYPE
  ELSE
    MOVE 'V'           TO DRAFT-PAY-TYPE.

PERFORM K150-WRITE-DRAFTITEM
THRU K150-WRITE-DRAFTITEM-EXIT.

** THE FOLLOWING FIELDS ARE BEING INITIALIZED FOR NOW AND WILL
** BE USED LATER IN PHASE 2.
MOVE ZEROS      TO DRAFT-RECORD.
MOVE SPACES     TO DRAFT-MRCH-DELETE,
                DRAFT-MRCH-MNEMONIC,
                DRAFT-PAY-TYPE,
                DRAFT-PAY-STATUS,
                DRAFT-MRCH-NAME,
                DRAFT-CHECK-DIGIT.

K100-DRAFTITEM-RECORD-EXIT.
EXIT.

K150-WRITE-DRAFTITEM.

MOVE WS-LAST-COMMIT-COUNT TO DRAFTITEM-COMMIT-KEY
WRITE DRAFTITEM-RECORD FROM DRAFT-RECORD.

K150-WRITE-DRAFTITEM-EXIT.

```

EXIT.

9000-COMMIT-WORK.

DISPLAY '####WS-TOTALS====>' WS-TOTALS
PERFORM 9200-WRITE-PAY-TBL THRU 9200-EXIT
PERFORM TRACKING-NBR-SAVE
THRU TRACKING-NBR-SAVE-EXIT.

MOVE 'UPDATING 1900-PROG-CONTROL' TO STEP-DENOTER.

EXEC SQL
UPDATE 1900-PROG-CONTROL
SET PC_LAST_COMMIT_KEY = :PC-LAST-COMMIT-KEY,
PC_RESTART_MODE = :PC-RESTART-MODE
WHERE PC_PROGRAM_NAME = :WS-PROGRAM-NAME
END-EXEC.

EVALUATE TRUE
WHEN SQLCODE = 0
EXEC SQL
COMMIT
END-EXEC

MOVE WS-PREVIOUS-SSN TO SQL-PREV-SSN

EXEC SQL
OPEN T002
END-EXEC

WHEN SQLCODE = 100
GO TO ERRCCK
WHEN SQLCODE IS NEGATIVE
GO TO ERRCCK
END-EVALUATE.

9000-EXIT. EXIT.

9100-LOAD-PAY-TBL.

* LOAD RESTART ENTRIES FROM THE PAY TABLE FILE. EACH RECORD *
* CONTAINS THE INDEX POINTER, SO THAT THE RECORDS CAN BE *
* STORED DIRECTLY WHERE THEY WERE WRITTEN FROM. THIS ALSO *
* PROVIDES US WITH THE MOST RECENT OCCURANCE OF AN ENTRY. *

OPEN INPUT PAY-TABLE-INPUT
MOVE ZERO TO TRANFREE-TBL-ENTRIES.
SET NOT-END-OF-TBLIN TO TRUE.
READ PAY-TABLE-INPUT INTO TRANFREE-PAY-TABLE-REC
AT END
SET END-OF-TBLIN TO TRUE.

003191	03/13/91
003192	03/13/91
003193	03/13/91
003194	03/13/91
003195	03/13/91
003196	03/13/91
003197	03/13/91
003198	05/25/91
003199	05/25/91
003200	03/13/91
003201	03/13/91
003202	03/13/91
003203	03/13/91
003204	03/13/91
003205	03/13/91
003206	03/13/91
003207	03/13/91
003208	03/13/91
003209	03/13/91
003210	03/13/91
003211	03/13/91
003212	03/13/91
003213	03/13/91
003214	03/13/91
003215	03/13/91
003216	03/13/91
003217	03/13/91
003218	03/13/91
003219	03/13/91
003220	03/13/91
003221	03/13/91
003222	03/13/91
003223	03/13/91
003224	03/13/91
003225	03/13/91
003226	03/13/91
003227	03/13/91
003228	03/13/91
003229	03/13/91
003230	05/25/91
003231	05/25/91
003232	05/25/91
003233	05/25/91
003234	05/25/91
003235	05/25/91
003236	03/13/91
003237	05/25/91
003238	05/25/91
003239	05/25/91
003240	05/25/91
003241	05/25/91

PERFORM UNTIL END-OF-TBLIN	0033242	03/13/91
MOVE TFR-PAY-TBL-NBR TO TRANFREE-CURR-ENTRY	0033243	05/25/91
MOVE TFR-PAY-TBL-ENTRY	0033244	05/25/91
TO TRANFREE-SC-ENTRY (TRANFREE-CURR-ENTRY)	0033245	05/25/91
IF TRANFREE-CURR-ENTRY GREATER THAN TRANFREE-TBL-ENTRIES	0033246	05/25/91
MOVE TRANFREE-CURR-ENTRY TO TRANFREE-TBL-ENTRIES	0033247	05/25/91
END-IF	0033248	05/25/91
READ PAY-TABLE-INPUT INTO TRANFREE-PAY-TABLE-REC	0033249	05/25/91
AT END	0033250	05/25/91
SET END-OF-TBLIN TO TRUE	0033251	05/25/91
END-READ	0033252	05/25/91
END-PERFORM.	0033253	05/25/91
CLOSE PAY-TABLE-INPUT.	0033254	03/13/91
9100-EXIT. EXIT.	0033255	05/25/91
	0033256	03/13/91
	0033257	03/13/91
9200-WRITE-PAY-TBL.	0033258	03/13/91
MOVE 1 TO TRANFREE-CURR-ENTRY.	0033259	05/25/91
PERFORM VARYING TRANFREE-CURR-ENTRY FROM 1 BY 1	0033260	05/25/91
UNTIL TRANFREE-CURR-ENTRY > TRANFREE-TBL-ENTRIES	0033261	05/25/91
MOVE WS-LAST-COMMIT-COUNT TO TFR-PAY-TBL-COMMIT	0033262	05/25/91
MOVE TRANFREE-SC-ENTRY (TRANFREE-CURR-ENTRY)	0033263	05/25/91
TO TFR-PAY-TBL-ENTRY	0033264	05/25/91
MOVE TRANFREE-CURR-ENTRY	0033265	05/25/91
TO TFR-PAY-TBL-NBR	0033266	05/25/91
WRITE PAY-TBL-OUTPUT-REC FROM TRANFREE-PAY-TABLE-REC	0033267	05/25/91
END-PERFORM.	0033268	03/13/91
	0033269	03/13/91
9200-EXIT. EXIT.	0033270	03/13/91
	0033271	
CHECK-EFT-CODE.	0033272	04/20/91
IF RO-METHOD = 'P'	0033273	04/20/91
MOVE CF-PAPR-RT-TRANS TO PDR-ROUTE-TRANS	0033274	04/20/91
MOVE CF-PAPR-ACT-NBR TO PDR-ACT-NBR	0033275	04/20/91
ELSE	0033276	04/20/91
MOVE CF-ROUTE-TRANS TO PDR-ROUTE-TRANS	0033277	04/20/91
MOVE CF-ACT-NBR TO PDR-ACT-NBR.	0033278	04/20/91
CHECK-EXIT. EXIT.	0033279	04/20/91
	0033280	05/25/91
TBRRTNS	0033281	05/25/91
-INC FDATAITNS	0033282	05/25/91
	0033283	11/14/90
ERRCHK.	0033284	
-INC SALEERRR	0033285	
	0033286	11/14/90

